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Publication info: EP 3042819 (A2) 2016-07-13

Publication info: EP 3031687 (A2) 2016-06-15

Publication info: EP 3031687 (A3) 2016-10-26

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1. **Assistance devices and method for operating an assistance device for controlling the driving of a traction vehicle with trailer**

| ★ Inventor: | Applicant: | CPC: | IPC: | Publication info: | Priority date: |
|--|---------------------------|--------------------------|------------------------|-------------------------------|----------------|
| GREIFENDORF KATHRIN [DE] HÜGER PHILIPP [DE] (+3) | VOLKSWAGEN AG [DE] | B62D13/06 B62D15/0285 | B62D13/06 B62D15/02 | EP 2860084 (A2) 2015-04-15 | 2012-03-27 |

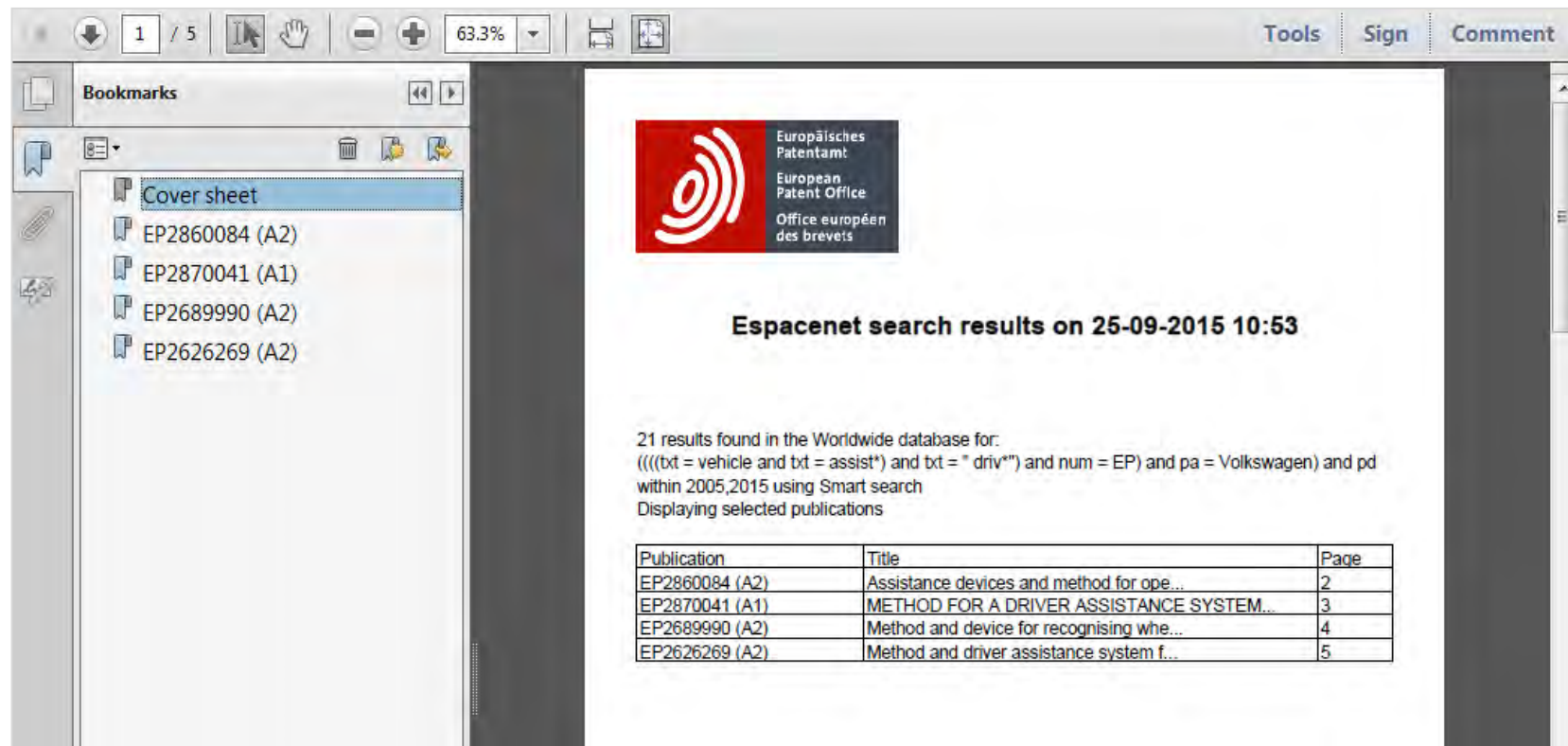
2. **Method and device for controlling a light distribution from the lamp of a vehicle**

| ★ Inventor: | Applicant: | CPC: | IPC: | Publication info: | Priority date: |
|--|---------------------------|---|----------------------|-------------------------------|----------------|
| BÖTTCHER ANJA [DE] FÖRDERER HANS- JOACHIM [DE] | VOLKSWAGEN AG [DE] | B60Q1/085 B60Q1/2603 B60Q2300/312 | B60Q1/08 B60Q1/26 | EP 2743130 (A1) 2014-06-18 | 2012-12-17 |

3. **METHOD FOR A DRIVER ASSISTANCE SYSTEM OF A VEHICLE**

| ★ Inventor: | Applicant: | CPC: | IPC: | Publication info: | Priority date: |
|---|---------------------------|---|------------------------|-------------------------------|----------------|
| DORNIEDEN BERND [DE] JUNGE LUTZ [DE] (+1) | VOLKSWAGEN AG [DE] | B60T7/12 B60W2030/1809 B60W2550/302 (+5) | B60W30/16 B60W30/18 | EP 2870041 (A1) 2015-05-13 | 2012-07-07 |

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| EP2870041 (A1) | METHOD FOR A DRIVER ASSISTANCE SYSTEM... | 3 |
| EP2689990 (A2) | Method and device for recognising whe... | 4 |
| EP2626269 (A2) | Method and driver assistance system f... | 5 |


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| 6 | Assistance devices and method for operating an assistance device for controlling the driving of a traction vehicle with trailer | EP2860084 |
| 7 | METHOD FOR A DRIVER ASSISTANCE SYSTEM OF A VEHICLE | EP2870041 |
| 8 | Method and device for recognising when a kerbstone has been driven over | EP2689990 (A2); EP2689990 (A3) |
| 9 | Method and driver assistance system for automatically controlling the speed of a vehicle | EP2626269 (A2) |

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| <input checked="" type="checkbox"/> 1. Assistance devices and method for operating an assistance device for controlling the driving of a traction vehicle with trailer | | | | | | |
| ★ | Inventor: GREIFENDORF KATHRIN [DE] HÜGER PHILIPP [DE] (+3) | Applicant: VOLKSWAGEN AG [DE] | CPC: B62D13/06 B62D15/0285 | IPC: B62D13/06 B62D15/02 | Publication info: EP 2860084 (A2) 2015-04-15 | Priority date: 2012-03-27 |
| <input type="checkbox"/> 2. Method and device for controlling a light distribution from the lamp of a vehicle | | | | | | |
| ★ | Inventor: BÖTTCHER ANJA [DE] FÖRDERER HANS-JOACHIM [DE] | Applicant: VOLKSWAGEN AG [DE] | CPC: B60Q1/085 B60Q1/2603 B60Q2300/312 | IPC: B60Q1/08 B60Q1/26 | Publication info: EP 2743130 (A1) 2014-06-18 | Priority date: 2012-12-17 |
| <input checked="" type="checkbox"/> 3. METHOD FOR A DRIVER ASSISTANCE SYSTEM OF A VEHICLE | | | | | | |
| ★ | Inventor: DORNIEDEN BERND [DE] JUNGE LUTZ [DE] (+1) | Applicant: VOLKSWAGEN AG [DE] | CPC: B60T7/12 B60W2030/1809 B60W2550/302 (+5) | IPC: B60W30/16 B60W30/18 | Publication info: EP 2870041 (A1) 2015-05-13 | Priority date: 2012-07-07 |
| 7 | Method and device for recognising when a kerbstone has been driven over | EP2689990 (A2); EP2689990 (A3) | 2014-01-29 | HUEGER PHILIPP [DE] BRANDT FABIAN [DE] | VOLKSWAGEN AG [DE] | B60W2550/308 B60T7/12 B60W30/00 B62D15/027 B60Q9/00 B60R21/0132 B60W30/06 B60W40/06 |
| 8 | Method and driver assistance system for automatically controlling the speed of a vehicle | EP2626269 (A2) | 2013-08-14 | AUER DR RICHARD [DE] WEIS NORBERT [DE] KACZOR BENJAMIN [DE] BUSSE OLIVER [DE] | VOLKSWAGEN AG [DE] | B60W30/143 B60W30/18009 B60W2520/10 B60W2540/10 B60W2540/12 B60W2550/142 |

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Results are sorted by date of upload in database

☐ 1. **LASER SENSOR FOR SELF-MIXING INTERFEROMETRY HAVING A VERTICAL EXTERNAL CAVITY SURFACE EMISSION LASER (VECSEL) AS THE LIGHT SOURCE**


| | | |
|---|--|--|
| ★ Inventor: BAIER JOHANNES [DE] MOENCH HOLGER [NL] | Applicant: KONINKLIJKE PHILIPS NV [NL] | CPC: G01B9/02092 H01S3/1062 H01S5/0262 (+7) |
|---|--|--|

☐ 2. **LASER CUTTING HEAD FOR MACHINE TOOL**

| | | |
|--|---|---|
| ★ Inventor: GESUITA ENZO [IT] MANZO RICCARDO [IT] (+1) | Applicant: SALVAGNINI ITALIA SPA [IT] | CPC: B23K26/046 B23K26/0648 B23K26/1462 (+3) |
|--|---|---|

☐ 3. **METHOD FOR GENERATING A COMPRESSED OPTICAL PULSE**

| | | | | | |
|---|--|---|--------------------------------------|---|-------------------------------------|
| ★ Inventor: YVIND KRESTEN [DK] | Applicant: DANMARKS TEKNISKE UNIV [DK] | CPC: H01S3/105 H01S5/0057 H01S5/06216 (+4) | IPC: H01S5/062 H01S5/10 | Publication info: US2016285236 (A1) 2016-09-29 | Priority date: 2013-11-13 |
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[LASER CUTTING HEAD FOR MACHINE TOOL](#)
 06 October 2016 14:00

[METHOD FOR GENERATING A COMPRESSED OPTICAL PULSE](#)
 29 September 2016 14:00

[HERMETICALLY SEALED CONTAINER FOR LASER DEVICE](#)
 08 September 2016 14:00

[TEMPERATURE INSENSITIVE LASER](#)
 08 September 2016 14:00

[LASER DEVICE COMPRISING OPTICALLY PUMPED EXTENDED CAVITY LASER](#)
 18 August 2016 14:00

[Radio-frequency excited gas laser and preparation method therefor](#)
 18 May 2016 14:00

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Driving assist system for a vehicle

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EP1508819 (A1) - Driving assist system for a vehicle

Inventor(s):

SPICHALSKY CARSTEN [DE], WILHELM WERNER [DE], BEIL FALK DR [DE], BARTELS ARNE DR [DE], MEINECKE MARC-MICHAEL DR [DE], LIENKAMP MARKUS DR [DE] ±

Applicant(s):

VOLKSWAGEN AG [DE] ±

Classification:

- international:

B60K31/00; B60T7/22; B60T8/1755; B62D15/02; G01S13/93; G08G1/16; (IPC1-7): G01S13/93, G08G1/16

- cooperative:

B60K31/0008; B60T7/22; B60T8/1755; B60W10/18; B60W10/20; B60W30/10; B62D15/0255; B62D15/025; G01S13/931; G08G1/154; B60T2201/08; B60T2201/081; B60T2201/082; B60T2201/083; B60T2201/087; B60T2201/089; B60T2201/10; B60T2260/02; B60W2550/306; G01S2013/9342; G01S2013/9346; G01S2013/9353; G01S2013/9364; G01S2013/9367; G01S2013/9375; G01S2013/9385; G01S2013/9389

Application number:

EP20040015268 20040630 Global Dossier

Priority number(s):

DE2003137991 20030819

Also published as:

EP1508819 (B1)

EP1508819 (B2)

DE10337991 (A1)

→ AT384959 (T)

Abstract of EP1508819 (A1)

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The system includes a radar sensor (50, 51, 53, 50) or laser sensor for determining the distance between the vehicle (1) and an obstacle beside the lane, the distance between at least two objects in front of the vehicle, or for determining the speed of an obstacle. A steering or braking correction value is determined, or a warning is output based on these distances. An independent claim is included for a vehicle having the driving assistance system.

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Inventor(s): SPICHALSKY CARSTEN [DE], WILHELM WERNER [DE], BEIL FALK DR [DE], BARTELS ARNE DR [DE], MEINECKE MARC-MICHAEL DR [DE], LIENKAMP MARKUS DR [DE] ±

Applicant(s): VOLKSWAGEN AG [DE] ±

Classification:

- international: **B60K31/00; B60T7/22; B60T8/1755; B62D15/02; G01S13/93; G08G1/16;**
(IPC1-7); G01S13/93; G08G1/16

- cooperative: **B60K31/0008; B60T7/22; B60T8/1755; B60W10/18; B60W10/20; B60W30/10; B62D15/0255; B62D15/025; G01S13/931; G08G1/154; B60T2201/08; B60T2201/081; B60T2201/082; B60T2201/083; B60T2201/087; B60T2201/089; B60T2201/10; B60T2260/02; B60W2550/305; G01S2013/9342; G01S2013/9346; G01S2013/9353; G01S2013/9364; G01S2013/9367; G01S2013/9375; G01S2013/9385; G01S2013/9389**

Application number: EP 20040015268 20040630 **Global Dossier**

Priority number(s): DE 2003137991 20030819

Also published as: EP1508819 (B1), EP1508819 (B2), DE10337991 (A1) → AT384959 (T)

Abstract of EP1508819 (A1)

Translate this text into

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The system includes a radar sensor (50, 51, 53, 50) or laser sensor for determining the distance between the vehicle (1) and an obstacle beside the lane, the distance between at least two objects in front of the vehicle, or for determining the speed of an obstacle. A steering or braking correction value is determined, or a warning is output based on these distances. An independent claim is included for a vehicle having the driving assistance system.

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[0001] Die Erfindung betrifft die Verbesserung der Sicherheit in Kraftfahrzeugen. Dabei soll insbesondere die Sicherheit auf Autobahnen im Baustellenbereich verbessert werden.

[0002] Diese Aufgabe wird durch ein Fahrassistenzsystem für ein auf einer Fahrspur fahrbares Kraftfahrzeug gelöst, wobei das Fahrassistenzsystem einen Radarsensor

zur Bestimmung eines Abstandes zwischen dem Kraftfahrzeug und einem (im wesentlichen) neben der Fahrspur liegenden Hindernis,
zur Bestimmung eines Abstandes zwischen zumindest zwei Hindernissen vor dem Kraftfahrzeug und/oder
zur Bestimmung einer Geschwindigkeit eines Hindernisses
und/oder einen Lasersensor

zur Bestimmung des Abstandes zwischen dem Kraftfahrzeug und dem (im wesentlichen) neben der Fahrspur liegenden Hindernis,
zur Bestimmung des Abstandes zwischen den zumindest zwei Hindernissen vor dem Kraftfahrzeug und/oder
zur Bestimmung der Geschwindigkeit des Hindernisses
sowie eine Fahrassistenzsteuerung zur Bestimmung - und insbesondere Ausgabe - eines Lenkwinkelkorrekturwertes in Abhängigkeit

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1. Fahrassistenzsystem für ein auf einer Fahrspur (4) fahrbares Kraftfahrzeug (1), wobei das Fahrassistenzsystem einen Radarsensor (50, 51, 53, 59, 60, 61, 70) oder einen Lasersensor zur Bestimmung eines Abstandes (dHL, dHR) zwischen dem Kraftfahrzeug (1) und einem im wesentlichen neben der Fahrspur (4) liegenden Hindernis (2, 8), zur Bestimmung eines Abstandes (dL) zwischen zumindest zwei Hindernissen (2, 8) vor dem Kraftfahrzeug (1) oder zur Bestimmung einer Geschwindigkeit (vH) eines Hindernisses (2) sowie eine Fahrassistenzsteuerung (71) zur Bestimmung eines Lenkwinkelkorrekturwertes, zur Bestimmung eines Bremskorrekturwertes oder zur Ausgabe einer Abstandswarninformation in Abhängigkeit des Abstandes (dHL, dHR) zwischen dem Kraftfahrzeug (1) und dem im wesentlichen neben der Fahrspur (4) liegenden Hindernis (2, 8), des Abstandes (dL) zwischen den zumindest zwei Hindernissen (2, 8) vor dem Kraftfahrzeug (1) oder der Geschwindigkeit (vH) des Hindernisses (2) aufweist.

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    1 --- 3((3))
    1 --- 6((6))
    1 --- 7((7))
    1 --- 10((10))
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(19)

(11) EP 1 508 819 A1

(12) EUROPÄISCHE PATENTANMELDUNG

(43) Veröffentlichungsart: 23.02.2008 Patentblatt 2008/08 (51) Int. Cl. G01S 13/93, G08G 1/16

(21) Anmeldenummer: 04015286.6

(22) Anmeldetag: 30.06.2004

(84) Bezeichnete Vertragsstaaten:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PL PT RO SE SI SK TR
Benannte Erfindungsstellen:
AL HR LT LV MK

(30) Priorität: 19.08.2003 DE 10337991

(71) Anmelder: Volkswagen Aktiengesellschaft
38436 Wolfsburg (DE)

(72) Erfinder:
• Spichelsky, Carsten
38199 Lehre (DE)

(54) Fahrsensistenzystem für ein Kraftfahrzeug

(57) Die Erfindung betrifft ein Fahrsensistenzystem für ein auf einer Fahrspur (4) fahrendes Kraftfahrzeug (1), wobei das Fahrsensistenzystem einen Radarsensor (5) aufweist, der einen Laserstrahl (6) zur Bestimmung eines Abstands (d) zwischen dem Kraftfahrzeug (1) und einem in wesentlichen neben der Fahrspur (4) liegenden Hindernis (2, 8) zur Bestimmung eines Abstands (d) zwischen zumindest zwei Hindernissen (2, 8) vor dem Kraftfahrzeug (1) oder zur Bestimmung einer Geschwindigkeit (vH) eines Hindernisses (2) sowie eine Fahrsensistenzsteuerung (7) zur Bestimmung eines Lenkwickelkorrekturwerts, zur Bestimmung eines Bremslenkwickelkorrekturwerts oder zur Ausgabe einer Abbremswarninformation in Abhängigkeit des Abstands (dH) zwischen dem Kraftfahrzeug (1) und dem in wesentlichen neben der Fahrspur (4) liegenden Hindernis (2, 8), des Abstands (dL) zwischen dem zumindest zwei Hindernissen (2, 8) vor dem Kraftfahrzeug (1) oder der Geschwindigkeit (vH) des Hindernisses (2) aufweist.

• Wilhelm, Werner
38350 Helmstedt/Barmke (DE)

• Best, Felix, Dr.
38110 Braunschweig (DE)

• Bartels, Arne, Dr.
38448 Wolfsburg (DE)

• Meisner, Marc-Michael, Dr.
38524 Sassenburg (DE)

• Lienkamp, Markus, Dr.
37106 Braunschweig (DE)

FIG. 3

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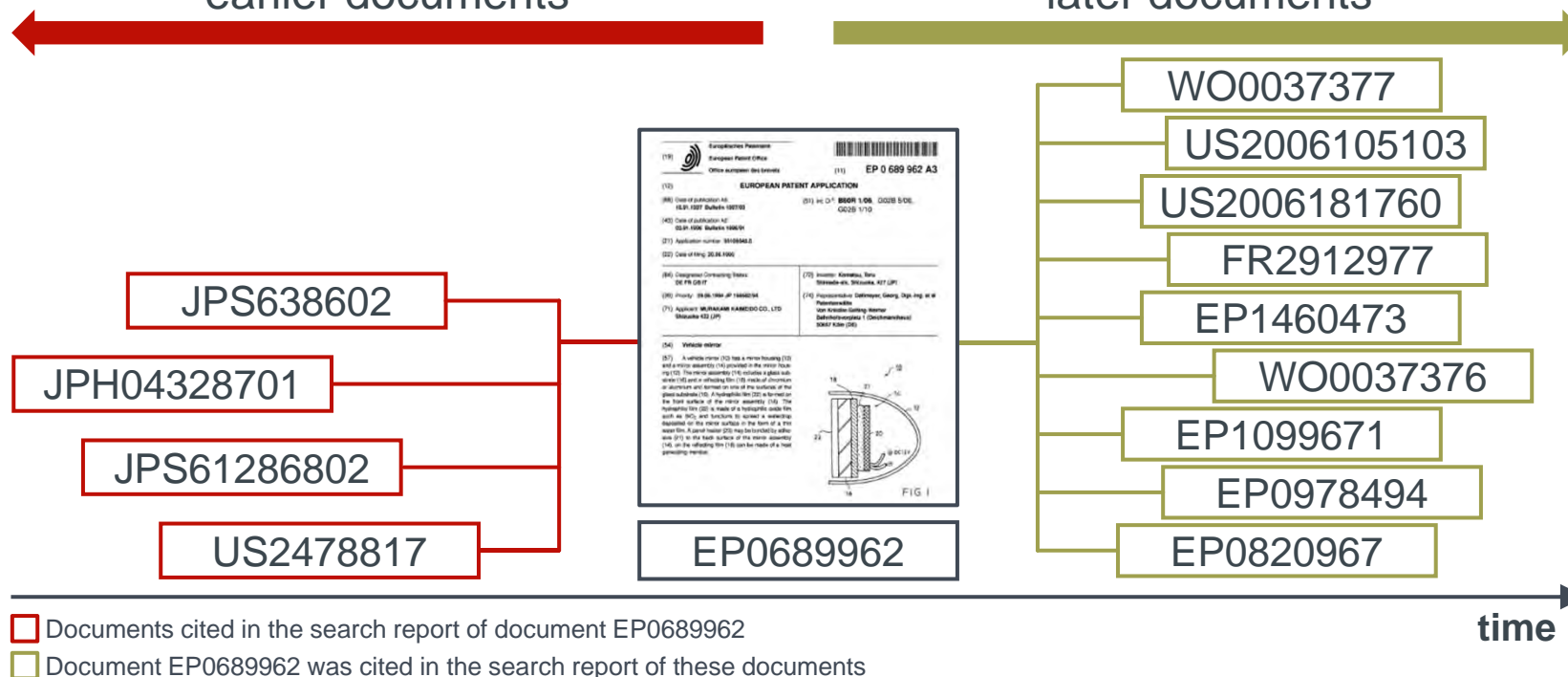
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2 documents cited in relation to EP1508819 (A1)

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Patents cited in the search report

☐ 1. Vehicle surroundings monitoring apparatus

| | | | | | |
|--|---|---|--|---|-------------------------------------|
| ★ Inventor: OKAMURA SHIGEKAZU [JP] NISHIDA MINORU [JP] | Applicant: MITSUBISHI ELECTRIC CORP [US] | CPC: G01S13/931 G01S2013/9325 G01S2013/9353 (+3) | IPC: B60R21/00 G01S13/60 G01S13/93 (+4) | Publication info: US2002107637 (A1) 2002-08-08 US6631324 (B2) 2003-10-07 | Priority date: 2000-11-29 |
|--|---|---|--|---|-------------------------------------|

☐ 2. Integrated controller for vehicle

| | | | | | |
|--|---------------------------------------|--|--|---|-------------------------------------|
| ★ Inventor: YOSHIOKA TOHRU [JP] OKUDA KENICHI [JP] (+6) | Applicant: MAZDA MOTOR [JP] | CPC: B60G17/0195 B60G2200/44 B60G2200/462 (+27) | IPC: B60G17/015 B60G17/0195 B60R21/00 (+22) | Publication info: US5540298 (A) 1996-07-30 | Priority date: 1991-09-19 |
|--|---------------------------------------|--|--|---|-------------------------------------|

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 ☐ Compact

11 documents citing EP1508819 (A1)

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Descending

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☐ 1. Method for operating driver assistance device in passenger car on roadway, involves determining lateral minimum distance as function of movement patterns of obstructions based on type of obstructions and current and/or future roadway course

★ Inventor:

MOEHLE KARL DIPL
ING [DE]

Applicant:

DAIMLER AG [DE]

CPC:

[B60W2550/10](#)
[B60W2550/302](#)
[B60W30/0956](#)
 (+4)

IPC:

B60W30/095
 G08G1/16

Publication info:

DE102010012954 (A1)
 2011-09-29

Priority date:

2010-03-25

☐ 2. Verfahren zur Längs- und Querführungsunterstützung des Fahrers eines Fahrzeugs und Fahrerassistenzsystem zur Durchführung des Verfahrens

★ Inventor:

Applicant:

CPC:

[B60T2201/08](#)
[B60T2201/081](#)
[B60T2201/089](#)
 (+5)

IPC:

B60R21/00
 B60W10/18
 B60W30/10
 (+2)

Publication info:

JP2011514580 (A)
 2011-05-06
 JP5242705 (B2)
 2013-07-24

Priority date:

2008-02-08

European Patent Office

60

INPADOC legal status

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EP1508819 (A1)

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INPADOC legal status: EP1508819 (A1) — 2005-02-23

Driving assist system for a vehicle

The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO: in particular, the EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.

Legal status of EP1508819 (A1) 2005-02-23; EP1508819 (B1) 2008-01-23; EP1508819 (B2) 2014-10-29

| | | |
|-----------------------|---|----------------------------------|
| EP | F | 04015288 A (Patent of invention) |
| Event date : | 2005/02/23 | |
| Event code : | AK | |
| Code Expl.: | + DESIGNATED CONTRACTING STATES: | |
| KD OF CORRESP. PAT. : | A1 | |
| DESIGNATED COUNTRY. : | AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR | |
| Event date : | 2005/02/23 | |
| Event code : | AX | |
| Code Expl.: | + REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO | |
| CONCERNED COUNTRIES : | AL HR LT LV MK | |
| Event date : | 2005/10/19 | |
| Event code : | 17P | |
| Code Expl.: | + REQUEST FOR EXAMINATION FILED | |
| EFFECTIVE DATE : | 20050823 | |
| Event date : | 2005/11/09 | |
| Event code : | AOX | |
| Code Expl.: | + PAYMENT OF DESIGNATION FEES | |
| DESIGNATED COUNTRY. : | AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR | |

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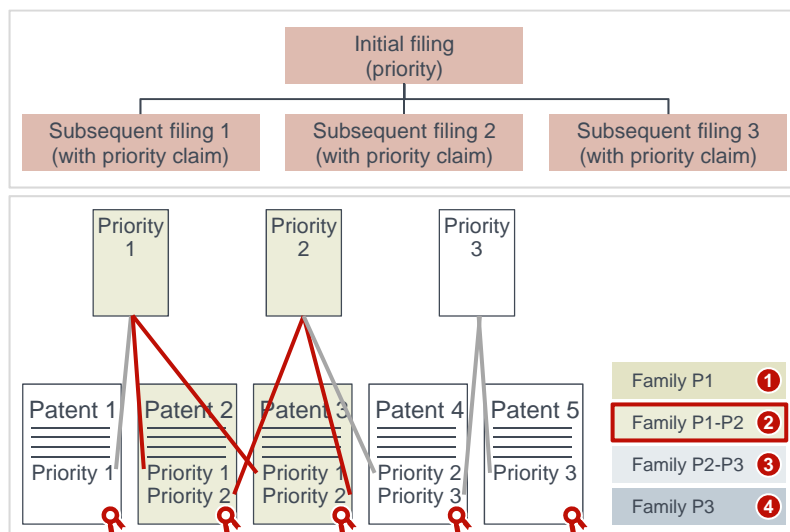
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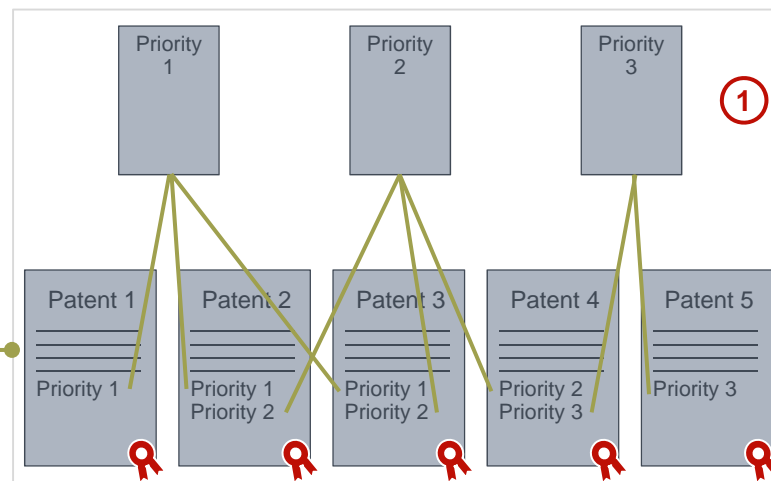
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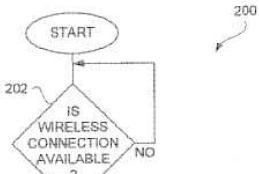
"Simple" patent family
→ identical priorities

INPADOC patent family
→ linked via priorities



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In Espacenet: simple patent family

| | |
|--|--|
| EP1805964 (B1) | Bibliographic data: EP1805964 (B1) — 2010-03-31 |
| Bibliographic data | ★ In my patents list ✕ EP Register 🖨 Report data error 🖨 Print |
| Description | |
| Claims | |
| Mosaics | |
| Original document | |
| Cited documents | |
| Citing documents | |
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| <ul style="list-style-type: none"> → What is meant by high quality text as facsimile? → What does A1, A2, A3 and B stand for after a European publication number? → What happens if I click on "In my patents list"? → What happens if I click on the "Register" button? → Why are some sidebar options deactivated for certain documents? → How can I bookmark this page? → Why does a list of documents with the heading "Also published as" sometimes appear, and what are these documents? → Why do I sometimes find the abstract of a corresponding document? → What happens if I click on the red "patent translate" button? → What is Global dossier? | <p>WIRELESS SYNCHRONIZATION BETWEEN MEDIA PLAYER AND HOST DEVICE</p> <p>Page bookmark EP1805964 (B1) - WIRELESS SYNCHRONIZATION BETWEEN MEDIA PLAYER AND HOST DEVICE</p> <p>Inventor(s): NG STANLEY [US]; FADELL ANTHONY M [US]; ROBBIN JEFFREY L [US] ±</p> <p>Applicant(s): APPLE INC [US] ±</p> <p>Classification:</p> <p>- international: H04L29/06</p> <p>- cooperative: G11B27/10; H04L67/04; H04L67/1095; H04L69/329</p> <p>Application number: EP20050801802 20050923</p> <p>Priority number(s): WO2005US34272 20050923 ; US20040622304P 20041025 ; US20040987649 20041112</p> <p>Also published as: EP1805964 (A1) WO2006047029 (A1) US2012191811 (A1) US8683009 (B2) US2006168351 (A1) US8150937 (B2) JP2008518354 (A) JP4695653 (B2) HK1106895 (A1) CN103124298 (A) CN101065945 (A) CN101065945 (B) AT463117 (T) less</p> <p>Abstract not available for EP1805964 (B1) Abstract of corresponding document: WO2006047029 (A1)</p> <p>Translate this text into <input type="text" value="i"/> <input type="text" value="Albanian"/>  <small>powered by EPO and Google</small></p> <p>Improved techniques for interaction between a host computer (e.g., personal computer) and a media player are disclosed. According to one embodiment, interaction between a host device (e.g., host (computer (102)) and a media player (108) can be performed over a wireless channel. The interaction over the wireless channel can be used to automatically synchronize media contents stored on the media player with media contents stored on the host device. According to another embodiment, interaction between a host device and a media player, such as automatic synchronization of media contents stored on a media player with media contents stored on a host device, can be restricted. In still another embodiment, synchronization can be automatically performed when the media player is placed in a docking station (110) that supports wireless communications.</p>  |

INPADOC patent family: related inventions

Family list: EP1805964 (B1) — 2010-03-31

Approximately 514 application(s) for: EP1805964 (B1)
Only the first 500 results are displayed.
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Results are sorted by date of upload in database

| Inventor | Applicant | CPC | IPC | Publication info | Priority date |
|---|---------------------|--|---|---|---------------------------|
| 1. WIRELESS SYNCHRONIZATION BETWEEN MEDIA PLAYER AND HOST DEVICE | | | | | |
| ★ NG STANLEY [US] FADELL ANTHONY M [US] (+1) | APPLE COMPUTER [US] | CPC: G11B27/10 H04L67/04 H04L67/1095 (+1) | IPC: H04L29/06 | Publication info: EP1805964 (A1) 2007-07-11 EP1805964 (B1) 2010-03-31 | Priority date: 2004-10-25 |
| 2. Universal docking station for hand held electronic devices | | | | | |
| ★ CROCOMANS WIM [US] HOBSON PHILIP [US] (+1) | APPLE INC [US] | CPC: G06F1/26 G06F1/26 G06F1/26 (+1) | IPC: G06F1/16 | Publication info: A120851 (T) 2009-04-15 | Priority date: 2005-05-09 |
| 3. METHODS AND SYSTEM FOR SECURE NETWORK-BASED DISTRIBUTION OF CONTENT | | | | | |
| ★ DOWDY THOMAS [US] TROUBLE GUY [US] (+2) | APPLE INC [US] | CPC: G06F21/10 G06F2221/0709 (+1) | IPC: G06F21/00 | Publication info: A1445104 (T) 2009-10-15 | Priority date: 2003-04-25 |
| 4. WIRELESS SYNCHRONIZATION BETWEEN MEDIA PLAYER AND HOST DEVICE | | | | | |
| ★ NG STANLEY [US] FADELL ANTHONY [US] (+1) | APPLE INC [US] | CPC: G11B27/10 H04L67/04 H04L67/1095 (+1) | IPC: H04L29/06 | Publication info: A1463117 (T) 2010-04-15 | Priority date: 2004-10-25 |
| 5. Media player system | | | | | |
| ★ ZAGSEKY STEPHEN PAUL FADELL ANTHONY M (+1) | APPLE COMPUTER | CPC: G11B27/10 G06F1/26 H04B1/38 H04M1/00 (+1) | IPC: H04M1/72 IPC1:7 H04B1/38 H04M1/00 (+1) | Publication info: AU2004234708 (A1) 2004-11-11 AU2004234708 (B2) 2007-09-20 | Priority date: 2002-04-25 |
| 6. Method and system for sharing playlists | | | | | |
| ★ CUE EDDY HELLER DAVID (+3) | APPLE COMPUTER | CPC: G06F1/26 G06F1/26 G06F1/26 (+1) | IPC: G06F7/00 G06F23/00 | Publication info: AU2005229426 (A1) 2005-11-10 AU2005229426 (B2) 2010-07-15 | Priority date: 2004-04-27 |
| 7. Accessory authentication for electronic devices | | | | | |
| ★ ARCHIBALD JOHN WESLEY DOROGUSKER JESSE L (+3) | APPLE INC | CPC: G06F21/44 G06F21/44 G06F21/80 (+1) | IPC: G06F21/20 | Publication info: AU2005323229 (A2) 2006-07-13 AU2005323229 (A1) 2006-07-13 AU2005323229 (B2) 2011-06-23 | Priority date: 2005-01-07 |

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| | <div> ★ In my patents list Previous ◀ 4 / 5 ▶ Next ➤ EP Register Report data error Print </div> |
| | MODULE FOR CONTROLLING FUEL PRESSURE IN AN INTERNAL COMBUSTION ENGINE |
| | Page bookmark EP3014094 (A1) - MODULE FOR CONTROLLING FUEL PRESSURE IN AN INTERNAL COMBUSTION ENGINE |
| | Inventor(s): MARK RANDALL T [CA]; WALKER JAMES D [GB] ± |
| | Applicant(s): WESTPORT POWER INC [CA] ± |
| | Classification: <div> - international: F02D19/10; F02D41/38; F02M21/02; F02M25/00; F02M43/02; F02M43/04 </div> <div> - cooperative: F02D41/0025; F02D41/0027; F02D41/3845; F02D41/3863; F02M21/023; F02M21/0245; F02M43/02; F02M55/02; F02M55/025; F02D2041/3881; F02D2250/31; F02M43/04; Y02T10/32 </div> |
| | Application number: EP20140817197 20140620 Global Dossier |
| | Priority number(s): CA20132820013 20130628 ; WO2014CA50583 20140620 |
| | Also published as: CA2820013 (A1) CA2820013 (C) US2016146147 (A1) CN105339636 (A) WO2014205566 (A1) |

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5 application(s) for: EP3014094 (A1)

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1. MODULE FOR CONTROLLING FUEL PRESSURE IN AN INTERNAL COMBUSTION ENGINE

★

Inventor:

MARK RANDALL T [CA]

WALKER JAMES D [GB]

Applicant:

WESTPORT POWER INC [CA]

CPC:

F02D2041/3881

F02D2250/31

F02D41/0025 (+10)

IPC:

F02D19/10

F02D41/38

F02M21/02 (+3)

Publication info:

EP3014094 (A1)

2016-05-04

Global Dossier

Priority date:

2013-06-28

2. MODULE FOR CONTROLLING FUEL PRESSURE IN AN INTERNAL COMBUSTION ENGINE

★

Inventor:

MARK RANDALL T [CA]

WALKER JAMES D [GB]

Applicant:

WESTPORT POWER INC [CA]

CPC:

F02D2041/3881

F02D2250/31

F02D41/0025 (+10)

IPC:

F02D19/10

F02D41/38

F02M21/02 (+3)

Publication info:

CA2820013 (A1)

2013-09-16

CA2820013 (C)

2014-12-02

Global Dossier

Priority date:

2013-06-28

3. Module for controlling fuel pressure in an internal combustion engine

★

Inventor:

MARK RANDALL T

WALKER JAMES D

Applicant:

WESTPORT POWER INC

CPC:

F02D2041/3881

F02D2250/31

F02D41/0025 (+10)

IPC:

F02D19/10

F02D41/38

F02M21/02 (+3)

Publication info:

CN105339636 (A)

2016-02-17

Global Dossier

Priority date:

2013-06-28

4. MODULE FOR CONTROLLING FUEL PRESSURE IN AN INTERNAL COMBUSTION ENGINE

★

Inventor:

MARK RANDALL T [CA]

WALKER JAMES D [GB]

Applicant:

WESTPORT POWER INC [CA]

CPC:

F02D2041/3881

F02D2250/31

F02D41/0025 (+10)

IPC:

F02D41/00

F02D41/38

F02M21/02 (+1)

Publication info:

US2016146147 (A1)

2016-05-26

Global Dossier

Priority date:

2013-06-28

5. MODULE FOR CONTROLLING FUEL PRESSURE IN AN INTERNAL COMBUSTION ENGINE

★

Inventor:

MARK RANDALL T [CA]

WALKER JAMES D [GB]

Applicant:

WESTPORT POWER INC [CA]

CPC:

F02D2041/3881

F02D2250/31

F02D41/0025 (+10)

IPC:

F02D19/10

F02D41/38

F02M21/02 (+3)

Publication info:

WO2014205566 (A1)

2014-12-31

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Priority date:

2013-06-28

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File wrapper data provided courtesy of IB of the WIPO, for family member with application no. CA2006000428

| <u>Date</u> | <u>Description</u> |
|-------------|--|
| 24.01.2008 | Published International Application |
| 25.09.2007 | International Preliminary Report on Patentability Chapter I |
| 21.09.2007 | Written Opinion of the International Search Authority |
| 28.09.2006 | Priority Document |
| 28.09.2006 | Notification Concerning Submission Or Transmittal Of Priority Document |
| 28.09.2006 | Notification Concerning Submission Or Transmittal Of Priority Document |
| 28.09.2006 | Priority Document |
| 28.09.2006 | Published International Application |
| 28.09.2006 | RO/101 |

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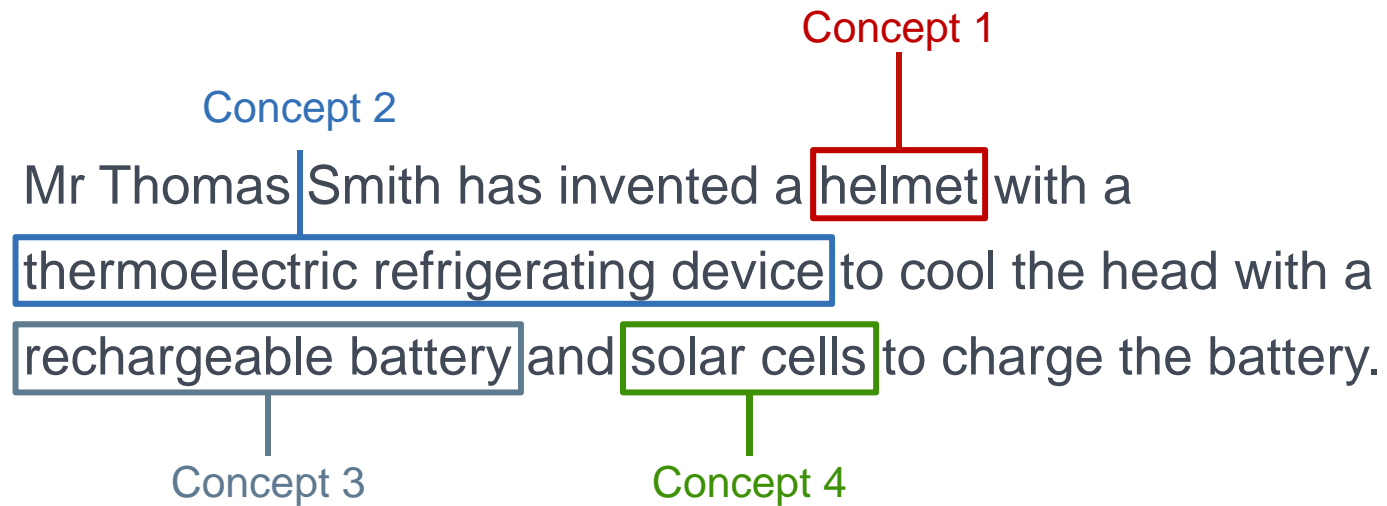
Example

Prior art search

Mr Thomas Smith has invented a helmet with a thermoelectric refrigerating device to cool the head with a rechargeable battery and solar cells to charge the battery.

Mr Thomas Smith wants to know if his invention is new and if he can patent his invention.

1. Identification of key concepts



2. Find keywords

→ Dictionary of synonyms, citations, ...

| | F1 | F2 | F3 | F4 |
|-----------------------------------|-----------------|---|-------------------------|--------------|
| Key concepts | Helmet | Thermoelectric refrigerating device | Rechargeable battery | Solar cells |
| Keywords | helmet* | cool* | batter* | solar |
| | hat* | refriger* | | photovoltaic |
| | head protector* | etc. ... | | PV |
| | etc. ... | | | etc. ... |
| Classification symbols | | | | |
| CPC | | | | |
| IPC | | | | |

3. Find patent classification symbols

→ IPC and/or Espacenet classification search masks

| | F1 | F2 | F3 | F4 |
|---------------------------|-----------------|---|-------------------------|----------------|
| Key concepts | Helmet | Thermoelectric refrigerating device | Rechargeable battery | Solar cells |
| Keywords | helmet* | cool* | batter* | solar |
| | hat* | refriger* | | photovoltaic |
| | head protector* | etc. ... | | PV |
| | etc. ... | | | etc. ... |
| Classification symbols | | | | |
| CPC | A42B 3/Low | F25B 21/00/Low | H01M/Low | H01L 31/00/Low |
| IPC | A42B 3/Low | F25B 21/00/Low | H01M/Low | H01L 31/00/Low |

OR

AND

Thank you for your attention!

Roland Feinäugle
Andrée Lahaye
Johannes Schaaf

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