

Title (en)
Electrical connection arrangement for a lamp

Title (de)
Elektrische Verbindungsanordnung für Lampe

Title (fr)
Agencement pour la connexion électrique d'une lampe

Publication
EP 1288566 A2 20030305 (FR)

Application
EP 02291916 A 20020729

Priority
FR 0111504 A 20010831

Abstract (en)
A terminal holder (36) moves, with respect to a support (14), in a transversal connection plane. Fixed terminals (24,26,28) are parallel to a transversal connection direction (B-B). The holder (36) slides along the direction (B-B) to so that its terminal make contact with the fixed terminals.. Assembly (10) for bulbs electrical connection, is of the type in which the bulb holder (12) has at its front a bulb (20) and in the rear a part fitted with fixed terminals (24,26,28). The bulb holder is mounted in a support (14) through a hole (16) and is electrically connected to a supply (107) when the fixed contacts make contact with terminals (65) carried on a holder (36). The fixed terminals extend laterally outwards from a part of the axial surface (34) of the bulb holder base (22). The terminal holder (36) is mounted so as to move with respect to the support (14) between a locked position in which its terminals (38) are in contact with the fixed contacts (24,26,28), and an unlocked position in which the terminals and contacts are separated from each other.

Abstract (fr)
L'invention propose un agencement (10) pour la connexion électrique d'une lampe (12), du type dans lequel la lampe (12) est montée dans un support (14) et elle est raccordée électriquement à un faisceau d'alimentation électrique (107) par venue en contact de bornes fixes (24, 26, 28) avec des bornes de raccordement (65) portées par un bornier (36). Les bornes fixes (24, 26, 28) de la lampe (12) s'étendent globalement latéralement vers l'extérieur suivant des directions qui sont chacune contenues dans un plan sensiblement transversal. Le bornier (36) est monté mobile par rapport au support (14) entre une position verrouillée dans laquelle les bornes de raccordement (65) sont en contact électrique avec les bornes fixes (24, 26, 28) associées, et une position déverrouillée dans laquelle les bornes de raccordement (65) sont éloignées des bornes fixes (24, 26, 28). <IMAGE>

IPC 1-7
F21V 19/00

IPC 8 full level
F21S 8/10 (2006.01); **F21V 19/00** (2006.01); **F21V 23/00** (2006.01); **H01R 33/05** (2006.01); **H01R 33/72** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/00** (2016.01); **H01R 13/26** (2006.01); **H01R 13/627** (2006.01); **H01R 13/641** (2006.01); **H01R 43/26** (2006.01)

CPC (source: EP US)
F21S 41/192 (2018.01 - EP US); **H01R 33/05** (2013.01 - EP US); **H01R 33/72** (2013.01 - EP US); **H01R 13/26** (2013.01 - EP US); **H01R 13/6275** (2013.01 - EP US); **H01R 13/641** (2013.01 - EP US); **H01R 43/26** (2013.01 - EP US)

Citation (applicant)
• DE 29823160 U1 19990225 - SCHNIPPERING HUGO GMBH CO KG [DE]
• EP 0898114 A2 19990224 - BOSCH GMBH ROBERT [DE]

Cited by
FR2861835A1; EP1528314A3; US10451248B2; WO2016146300A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1288566 A2 20030305; **EP 1288566 A3 20051102**; **EP 1288566 B1 20080416**; AT E392586 T1 20080515; DE 60226107 D1 20080529; DE 60226107 T2 20090507; ES 2305185 T3 20081101; FR 2829304 A1 20030307; FR 2829304 B1 20040917; JP 2003157937 A 20030530; US 2003045151 A1 20030306; US 6817885 B2 20041116

DOCDB simple family (application)
EP 02291916 A 20020729; AT 02291916 T 20020729; DE 60226107 T 20020729; ES 02291916 T 20020729; FR 0111504 A 20010831; JP 2002256258 A 20020902; US 23298602 A 20020828