

Title (en)
Electrical appliance connector

Title (de)
Elektrischer Geräteanschluss

Title (fr)
Dispositif de connexion électrique

Publication
EP 1681747 A3 20090527 (DE)

Application
EP 05028392 A 20051223

Priority
DE 102005001821 A 20050113

Abstract (en)
[origin: EP1681747A2] The connection for an electrical device, especially a light, has contact elements formed on a plug connector (9) connected to a terminal (1). The contact elements are fixed on a contact carrier (16) which is mounted to move longitudinally on the housing of the plug connector. A stop at least limiting the longitudinal movability of the contact carrier is formed on the plug connector. A counter-stop is formed in the region of the terminal in such a way that in the final fitted position of the plug connector the stop is moved by the counterstop from its blocking position into an open position enabling longitudinal movement of the contact carrier.

IPC 8 full level
H01R 13/74 (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP)
H01R 9/16 (2013.01); **H01R 9/2491** (2013.01); **H01R 13/743** (2013.01)

Citation (search report)

- [A] EP 1388914 A1 20040211 - WIELAND ELECTRIC GMBH [DE]
- [A] EP 1150399 A2 20011031 - WIELAND ELECTRIC GMBH [DE]

Cited by
DE102008023979A1; DE102008024172A1; EP2626954A1; DE102008017915A1; EP2306594A1; CN103715576A; DE102007044661B3; DE102008023979B4; DE102008024172B4; EP2631996A3; DE102008017915B4; CN113826287A; CN114678711A; CN102057540A; CN103715578A; DE202012001345U1; WO2009124662A1; US11996651B2; DE102012002587A1; US8109781B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1681747 A2 20060719; EP 1681747 A3 20090527; EP 1681747 B1 20100407; AT E463866 T1 20100415; DE 102005001821 A1 20060727; DE 202005021590 U1 20081016; DE 502005009355 D1 20100520; ES 2341112 T3 20100615

DOCDB simple family (application)
EP 05028392 A 20051223; AT 05028392 T 20051223; DE 102005001821 A 20050113; DE 202005021590 U 20051223; DE 502005009355 T 20051223; ES 05028392 T 20051223