

Title (en)

Plug with slider for connecting to a socket

Title (de)

Stecker mit Schieber zum Verbinden mit einer Steckbuchse

Title (fr)

Connecteur à fiche ayant un élément coulissant pour la connexion à une prise

Publication

**EP 1463160 A3 20060628 (DE)**

Application

**EP 04005736 A 20040311**

Priority

DE 10313667 A 20030326

Abstract (en)

[origin: EP1463160A2] The plug-and-socket system is designed to make electrical contact and hold the contact pins firmly in their sockets. The socket assembly (1) has a housing (2) surrounding contact pins (S). There is a catch (11) with a sloping run-up surface (10) on the outside of the housing. A two-armed safety catch lever (38) on the plug (12) engages on a catch (24) and has a projection engaging on a transverse beam (28). The system includes a bolt (29) with a hooked end (30). There is a chamber (19) with contact sockets (K) to accommodate the contact pins.

IPC 8 full level

**H01R 13/629** (2006.01); **H01R 13/627** (2006.01); **H01R 13/436** (2006.01)

CPC (source: EP)

**H01R 13/6273** (2013.01); **H01R 13/4361** (2013.01)

Citation (search report)

- [Y] DE 10225970 A1 20030123 - YAZAKI CORP [JP]
- [Y] US 5848912 A 19981215 - OKABE TOSHIAKI [JP]

Cited by

CN111542757A; CN113540883A; WO2023236236A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1463160 A2 20040929**; **EP 1463160 A3 20060628**; **EP 1463160 B1 20080521**; AT E396523 T1 20080615; DE 10313667 B3 20041202; DE 502004007191 D1 20080703; ES 2305597 T3 20081101

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