

Title (en)  
Electrical connector with insertion and extraction drawer

Title (de)  
Elektrischer Steckverbinder mit einsteck- und abziehbarem Schieber

Title (fr)  
Connecteur électrique à tiroir d'insertion et d'extraction

Publication  
**EP 0625809 B1 19970716 (FR)**

Application  
**EP 94401118 A 19940519**

Priority  
FR 9306122 A 19930521

Abstract (en)  
[origin: EP0625809A1] The connector comprises a socket in which two side walls (20) delimit two parallel channels, and a plug having projecting fingers orthogonal to an insertion direction. The connector also includes a U-shaped slide drawer for the forced insertion and extraction of the plug. The slide also includes springy retaining tabs (32) which project outwards when not in use and recesses (34), which are elongate in the direction of movement of the slide, are made in the side walls of the socket in order to receive the tabs and have a length such that they allow complete insertion of the slide and prevent it from being completely removed, the springy retaining tabs (32) having a shape such that the force to be exerted in order to pull the slide out of the socket is very much greater than the force necessary to insert it. <IMAGE>

IPC 1-7  
**H01R 13/629**

IPC 8 full level  
**H01R 13/629** (2006.01)

CPC (source: EP US)  
**H01R 13/62905** (2013.01 - EP US)

Cited by  
FR2752495A1; EP0801441A1; EP0855763A3; EP0669679A3; US5575676A; DE10303382A1; DE10303382B4; US5823807A; GB2302767B; DE19532623A1; DE19532623B4; EP1006619A3; DE19530844A1; US5857859A; DE19530844B4; EP0987795A1; FR2784240A1; US6155855A; EP0726617A3; DE19511225C2; DE19511225C5; DE19651437B4; DE19530334A1; DE19530334B4; EP0722203A1; EP0827237A1; US6062882A; FR2730588A1; US5660556A; US6422882B1; EP1117157A1; EP0989633A3; EP3062401A1; FR3033091A1; WO0041272A1; WO9612325A1; US6663291B2; US6254407B1; EP0736935B1; WO0041273A1; WO9938230A1

Designated contracting state (EPC)  
AT BE DE ES GB IT NL SE

DOCDB simple family (publication)  
**EP 0625809 A1 19941123; EP 0625809 B1 19970716**; AT E155616 T1 19970815; CA 2123972 A1 19941122; DE 69404223 D1 19970821; DE 69404223 T2 19980108; FR 2705503 A1 19941125; FR 2705503 B1 19950728; JP H07135046 A 19950523; US 5899762 A 19990504

DOCDB simple family (application)  
**EP 94401118 A 19940519**; AT 94401118 T 19940519; CA 2123972 A 19940519; DE 69404223 T 19940519; FR 9306122 A 19930521; JP 10863794 A 19940523; US 59439796 A 19960131