

Title (en)  
RELEASABLE PLUG COUPLING.

Publication  
**EP 0603542 A3 19951122 (DE)**

Application  
**EP 93118540 A 19931118**

Priority  
DE 4244222 A 19921224

Abstract (en)  
[origin: EP0603542A2] The locking lever (13) of a releasable electric plug-type connector is to be designed in such a way that the locking lever (13) can be manufactured in a cost-effective way and permits secure locking of the plug-type connector. For this purpose, the locking lever (13) is produced completely from one sheet-metal component, on the one hand bearing bolts (26) with which the locking lever (13) is rotatably mounted on a plug housing (14) and on the other hand guide bolts (28) with which the locking lever (13) engages in guide tracks (31) of a plug receptacle (12) being manufactured for example by means of a deep-draw process. For secure locking of the plug-type connector, the locking lever (13) has projections (33) which engage positively in locking chambers (37) on the plug housing (14) when the plug-type connector is closed. The locking lever (13) is used in multi-pin, elongated electrical plug-type connectors. <IMAGE>

IPC 1-7  
**H01R 13/639**

IPC 8 full level  
**H01R 13/629** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)  
**H01R 13/62933** (2013.01)

Citation (search report)  
• [X] WO 8808212 A1 19881020 - DAUT & RIETZ TRW [DE]  
• [DA] EP 0156033 A2 19851002 - BOSCH GMBH ROBERT [DE]

Cited by  
EP1763113A1; EP1622232A1

Designated contracting state (EPC)  
DE FR IT SE

DOCDB simple family (publication)  
**EP 0603542 A2 19940629; EP 0603542 A3 19951122; EP 0603542 B1 20011010**; DE 4244222 A1 19940630; DE 59310222 D1 20011115

DOCDB simple family (application)  
**EP 93118540 A 19931118**; DE 4244222 A 19921224; DE 59310222 T 19931118