

Title (en)

PLUG-IN CONNECTOR WITH A PLUG, AN INTERMEDIATE PART AND A HOUSING

Title (de)

STECKVERBINDER MIT EINEM STECKER, EINEM ZWISCHENTEIL UND EINEM GEHÄUSE

Title (fr)

CONNECTEUR A FICHES COMPRENANT UN CONNECTEUR, UNE PARTIE INTERMEDIAIRE ET UN BOITIER

Publication

EP 0934181 B1 20010131 (DE)

Application

EP 97911185 A 19971007

Priority

- DE 19647021 A 19961114
- EP 9705497 W 19971007

Abstract (en)

[origin: DE19647021A1] The invention concerns an electrical plug-in connector between a steering wheel and the connection to a cover (1) of a volute spring housing. The object of the invention is to design the plug-in connector such that the plug can move inside the housing yet permanent contact is still ensured between the plug and housing. To that end, the invention provides an intermediate part (3) which can move in a housing (2) and can be securely locked with the plug, the intermediate part in turn also being movable inside the housing. Advantageous developments of the invention describe measures for proceeding in steps, first to provide reliable contact between the plug and intermediate part, and then to permit movability of this plug-in unit inside the housing.

IPC 1-7

B60R 16/02

IPC 8 full level

B60R 16/02 (2006.01); **H01R 13/627** (2006.01); **H01R 13/631** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)

H01R 13/6273 (2013.01); **H01R 13/631** (2013.01); **H01R 13/639** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19647021 A1 19980520; DE 59702980 D1 20010308; EP 0934181 A1 19990811; EP 0934181 B1 20010131; WO 9821071 A1 19980522

DOCDB simple family (application)

DE 19647021 A 19961114; DE 59702980 T 19971007; EP 9705497 W 19971007; EP 97911185 A 19971007