

Title (en)

PLUG-IN CONNECTOR FOR CONNECTING SIGNAL AND CURRENT SUPPLY LINES TO A CONSUMER

Title (de)

STECKVERBINDUNG ZUM ANSCHLUSS VON SIGNAL- UND STROMVERSORGUNGSLEITUNGEN AN EINEN VERBRAUCHER

Title (fr)

CONNECTEUR A FICHE ET A DOUILLE PERMETTANT DE CONNECTER DES CONDUCTEURS DE SIGNAUX ET D'ALIMENTATION A UN DISPOSITIF ELECTRIQUE

Publication

EP 1105944 B1 20030402 (DE)

Application

EP 99938327 A 19990723

Priority

- DE 19836693 A 19980813
- EP 9905281 W 19990723

Abstract (en)

[origin: DE19836693A1] The plug-in connector has co-operating plug and socket halves, for coupling an electrical cable with signal and current supply lines to an electrical load, by corresponding pairs of contacts contained in a waterproof casing. The casing is divided internally by partition walls (7,8) into at least three relatively sealed chambers, each containing at least one current supply contact (2-5) or at least one signal contact (6).

IPC 1-7

H01R 13/52; **B60R 16/02**

IPC 8 full level

B60R 16/02 (2006.01); **H01R 13/52** (2006.01); **H01R 24/00** (2006.01)

CPC (source: EP US)

H01R 13/52 (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Cited by

DE102012219579A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 19836693 A1 20000217; DE 59904867 D1 20030508; EP 1105944 A1 20010613; EP 1105944 B1 20030402; JP 2002523858 A 20020730; JP 4503840 B2 20100714; US 6592409 B1 20030715; WO 0010231 A1 20000224

DOCDB simple family (application)

DE 19836693 A 19980813; DE 59904867 T 19990723; EP 9905281 W 19990723; EP 99938327 A 19990723; JP 2000565591 A 19990723; US 76284501 A 20010213