

Title (en)

Electrical connector

Title (de)

Elektrischer Steckverbinder

Title (fr)

Connecteur électrique

Publication

EP 1067636 B1 20070815 (DE)

Application

EP 00112442 A 20000610

Priority

DE 19932243 A 19990706

Abstract (en)

[origin: EP1067636A1] The plug connector has a plug part with an insulating housing (10) and a socket part with an insulating housing (11). The cross-sectional profiles of the contact protection sleeves (12) of the plug part match the external cross-sectional profile of the associated sleeves in the socket part (i.e. fixed coding). The plug part's sleeves have a multi-chamber cross-sectional profile, pref. a 2-chamber profile. A first chamber (20) encloses the plug pin and a second chamber (21) parallel to the first chamber and in one piece with it is separated from it by an insulating intermediate wall (23).

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP US)

H01R 13/645 (2013.01 - EP US)

Cited by

DE102010032176A1; DE102010054161A1; DE10213990B4; EP1170831A3; DE102010054161B4; DE102004057287A1; DE102004057287B4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1067636 A1 20010110; EP 1067636 B1 20070815; AT E370532 T1 20070915; CN 1229900 C 20051130; CN 1279523 A 20010110; DE 19932243 A1 20010111; DE 50014559 D1 20070927; ES 2289984 T3 20080216; JP 2001057270 A 20010227; JP 4502235 B2 20100714; US 6383032 B1 20020507

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EP 00112442 A 20000610; AT 00112442 T 20000610; CN 00120371 A 20000706; DE 19932243 A 19990706; DE 50014559 T 20000610; ES 00112442 T 20000610; JP 2000223065 A 20000620; US 61107800 A 20000706