

Title (en)
Shielded connector

Title (de)
Geschirmter Steckverbinder

Title (fr)
Connecteur à fiches blindé

Publication
EP 2200125 A3 20120509 (DE)

Application
EP 09015232 A 20091209

Priority
DE 202008016738 U 20081218

Abstract (en)
[origin: CN101752744A] The invention relates to a shield connector. For simplifying the assembly thereof, the shield connector is provided with an electric insulating base served as a supporter of an electric contact point, an assembling side and two holes, wherein a dent part is respectively arranged around the holes and a flange is formed inside the holes. Besides, a side wall fixing element is arranged on the base; the fixing element is provided with a window which is formed by a frame; and the frame can be locked in the dent part by bending the fixing element so as to lock the fixing element on the base by a shape locking force. A conductive shield element contact point around the base is communicated with the fixing element and then the fixing element is communicated with a grounding wire of a printed circuit board through contact point, therefore the connector is shielded from an external voltage.

IPC 1-7
H01R 12/16

IPC 8 full level
H01R 13/658 (2011.01)

CPC (source: EP US)
H01R 13/658 (2013.01 - EP US); **H01R 4/16** (2013.01 - EP US); **H01R 12/707** (2013.01 - EP US); **H01R 13/50** (2013.01 - EP US); **H01R 13/6582** (2013.01 - EP US)

Citation (search report)

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- [A] WO 9800889 A1 19980108 - SIEMENS AG [DE], et al
- [YDA] DE 202006015908 U1 20070111 - ERNI ELEKTRO APP GMBH [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202008016738 U1 20090326; CN 101752744 A 20100623; CN 101752744 B 20130213; EP 2200125 A2 20100623; EP 2200125 A3 20120509; EP 2200125 B1 20170517; US 2010159744 A1 20100624; US 7845981 B2 20101207

DOCDB simple family (application)
DE 202008016738 U 20081218; CN 200910253752 A 20091217; EP 09015232 A 20091209; US 63351609 A 20091208