

Title (en)
Shielded connector for electrical conductors

Title (de)
Abgeschirmter Verbinder für elektrische Leiter

Title (fr)
Connecteur blindé pour conducteurs électriques

Publication
EP 1727245 A3 20080604 (FR)

Application
EP 06290832 A 20060523

Priority
FR 0505383 A 20050527

Abstract (en)
[origin: EP1727245A2] The connector has front and rear connector assemblies (12, 14) each with isolating bodies (38, 40) disposed in cases (46, 48) respectively and made of composite metallic material. The case (46) of the assembly (12) constitutes a fixed base and has a hollow cylindrical shape with an axial cylindrical extension (50) that forms a skirt enclosing an end face of the body (38). The case (48) of the assembly (14) has a hollow cylindrical shape and an end skirt (54) enclosing an end zone of the isolating body (40) of the assembly (14). The bodies contact with each other by a sealing joint (42).

IPC 8 full level
H01R 13/52 (2006.01); **H01R 13/648** (2006.01)

CPC (source: EP US)
H01R 13/5219 (2013.01 - EP US); **H01R 13/648** (2013.01 - EP US); **H01R 13/64** (2013.01 - EP US)

Citation (search report)

- [XA] US 4349241 A 19820914 - JURIS MITCHELL A, et al
- [XY] DE 10323616 A1 20040812 - HIRSCHMANN ELECTRONICS GMBH [DE]
- [XA] GB 2282920 A 19950419 - ROLLS ROYCE PLC [GB]
- [Y] US 5437563 A 19950801 - KIHIRA SOJI [JP], et al
- [Y] EP 0237383 A2 19870916 - ITT [US]
- [A] US 4822286 A 19890418 - BIANCA GIUSEPPE [CA]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1727245 A2 20061129; EP 1727245 A3 20080604; EP 1727245 B1 20160413; FR 2886475 A1 20061201; FR 2886475 B1 20111028; US 2007032131 A1 20070208; US 7695321 B2 20100413

DOCDB simple family (application)
EP 06290832 A 20060523; FR 0505383 A 20050527; US 44191906 A 20060526