

Title (en)
CONNECTOR ASSEMBLY

Title (de)
STECKVERBINDERANORDNUNG

Title (fr)
ENSEMBLE CONNECTEUR

Publication
EP 3211725 B1 20220622 (EN)

Application
EP 16157114 A 20160224

Priority
EP 16157114 A 20160224

Abstract (en)
[origin: EP3211725A1] A connector assembly comprises a pin-side (1) with at least one pin-side housing (2) in which at least one pin-side connector (3) is arranged, wherein said pin-side housing (2) having a front section (20) extending along a front axis (M1) and a rear section (21) extending along a rear axis (M2); a plug-side (4) with at least one plug-side housing (5) in which at least one plug-side connector (6) is arranged, wherein said pin-side housing having a front section (50) extending along a front axis (M3) and a rear section (51) extending along a rear axis (M4), and wherein the front section (20) of the pin-side (1) is adapted to be connected with the front section (50) of the plug-side (4) in direction of said front axis (M1, M3), and several shielding elements (7) to provide an electromagnetic shielding. Said housings (2, 5) comprise an outer surface (22, 52) on which latching elements (23, 53) are arranged, wherein said latching elements (23, 53) are adapted to be received by latching elements (23, 53) of a neighbouring housing (2, 5) in order to establish a mechanical connection between two neighbouring housings (2, 5). Said shielding elements (7) comprise latching elements (73) which are adapted to be received by said latching elements (23, 53) of said housings (2, 5) in order to establish a mechanical connection between the shielding element (7) and the respective housing (2, 5).

IPC 8 full level
H01R 13/514 (2006.01); **H01R 13/518** (2006.01); **H01R 13/6586** (2011.01); **H01R 13/645** (2006.01)

CPC (source: EP)
H01R 13/514 (2013.01); **H01R 13/518** (2013.01); **H01R 13/6586** (2013.01); **H01R 13/645** (2013.01)

Citation (examination)
• US 2005112920 A1 20050526 - VENABLE JOHN T [US], et al
• US 6132254 A 20001017 - WU KUN-TSAN [TW]
• US 5961350 A 19991005 - SHIU LEUNG MAN [US]
• US 2009104812 A1 20090423 - SCHROLL NEIL FRANKLIN [US], et al

Cited by
GB2574367A; EP4178045A1; FR3125927A1; WO2019193352A1

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