

Title (en)
SHIELDED ELECTRIC CONNECTOR

Title (de)
GESCHIRMTER ELEKTRISCHER VERBINDER

Title (fr)
CONNECTEUR ÉLECTRIQUE BLINDÉ

Publication
EP 4107818 A1 20221228 (DE)

Application
EP 21707201 A 20210218

Priority
• DE 102020104653 A 20200221
• EP 2021053988 W 20210218

Abstract (en)
[origin: WO2021165377A1] The invention relates to a shielded electric connector comprising a plurality of line elements; a plurality of line element sleeves in order to electrically insulate the individual line elements; an outer shielding sleeve which surrounds the plurality of line elements at least partly or at least in some regions; at least one inner shielding sleeve which surrounds a first sub-quantity of line elements together at least partly or at least in some regions in order to shield same from the remaining line elements; a connector housing for housing contact elements; a shield separator for forming at least two shield sectors, wherein the first sub-quantity of the line elements is guided in a first shield sector, and a second sub-quantity of the line elements is guided in a second shield sector; at least one seal insert for arranging in one of the shield sectors in order to seal off a cable side in the region of the shield separator from a plug side; and an electrically conductive shield bridge for electrically connecting the outer shield sleeve to the at least one inner shield sleeve and to the shield separator, said electrically conductive shield bridge being arranged about the line element sleeves.

IPC 8 full level
H01R 13/502 (2006.01); **H01R 13/52** (2006.01); **H01R 13/622** (2006.01); **H01R 13/6473** (2011.01); **H01R 13/6585** (2011.01); **H01R 13/6591** (2011.01); **H01R 24/86** (2011.01); **H01R 107/00** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2021165377A1

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