

Title (en)
PLUG-IN CONNECTOR WITH SCREW CONNECTION

Title (de)
STECKVERBINDER MIT SCHRAUBVERBINDUNG

Title (fr)
CONNECTEUR DE BRANCHEMENT À CONNEXION À VIS

Publication
EP 4139996 A1 20230301 (DE)

Application
EP 21719901 A 20210416

Priority
• DE 102020110642 A 20200420
• EP 2021059952 W 20210416

Abstract (en)
[origin: WO2021213928A1] Plug-in connection, comprising a plug-in connector (1) and a mating plug-in connector that can be plugged together with the latter, wherein the plug-in connector (1) has a housing (2) into which an electrical conductor (3) is inserted, wherein the electrical conductor (3) is electrically contacted with a contact partner (4), likewise arranged in the housing (2), by means of their surfaces coming to rest on each other, wherein the contact partner (4) is contacted, in particular via its circumferential end face (5), with a contact partner of the mating plug-in connector in such a way that the end faces come to rest on each other, and the plug-in connector (1) and mating plug-in connector are plugged together, wherein this plugging-together is effected and supported by a tightening means, in particular a screw (6), wherein an insulation, in particular an insulating element (12) or a coating of the screw (6), is provided, wherein this insulation has the effect that the screw (6) does not touch voltage-carrying parts such as the electrical conductor (3) and/or the contact partner (4).

IPC 8 full level
H01R 4/34 (2006.01); **H01R 13/447** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2021213928A1

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KH MA MD TN

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