

Title (en)
PLUG CONNECTOR FOR FLEXIBLE CONDUCTOR FILMS

Title (de)
STECKVERBINDER FÜR FLEXIBLE LEITERFOLIEN

Title (fr)
CONNECTEUR POUR FILMS DE CIRCUIT IMPRIMÉ FLEXIBLES

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EP 3224907 A1 20171004 (DE)

Application
EP 15808332 A 20151112

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• DE 102014117469 A 20141127
• DE 102015100401 A 20150113
• DE 2015100485 W 20151112

Abstract (en)
[origin: CA2967079A1] The invention relates to a plug connector (10) for flexible conductor films (300) having film-insulated conductors, comprising a plug connector housing in which at least one plug contact element (105) is arranged, and a connection region in which blades (110, 115) electrically conductively connected to the at least one plug contact element (105) penetrate and fix at least one film-insulated conductor and produce an electrical contact. Said plug connector (10) is characterised in that the plug connector housing comprises two housing parts (100, 200) which can be pushed into one another, of which the first housing part (100) supports the blades (110, 115) and the at least one plug contact element (105) electrically conductively connected thereto, and the second housing part (200) receives and supports the flexible conductor film and has the at least one blade receptacle (210) which is adapted to the blades (110, 115) and whose boundary surfaces (211, 212) are designed such that the at least a part of the blades (110, 115) is bent towards the film-insulated conductor when the two housing parts (100, 200) are pushed into one another.

IPC 8 full level
H01R 12/67 (2011.01)

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