

Title (en)  
PLUG CONTACT PAIRING

Title (de)  
STECKKONTAKT-PAARUNG

Title (fr)  
APPARIEMENT DE CONTACT À FICHES

Publication  
**EP 2149176 B1 20110216 (DE)**

Application  
**EP 08758021 A 20080506**

Priority  
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• DE 102007022600 A 20070512  
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Abstract (en)  
[origin: WO2008138303A1] A plug contact pairing comprises a plug pot (1) with contact pins (31), as well as a plug head (2) with contact circuits (32) for connection of electrical line ends (25, 26). A profiled ring (securing ring) is used to mount the plug head in an interlocking manner in the plug pot, is incorporated with a part of its cross section in a circumferential groove in the plug head and, during closure of the plug contact pairing, latches with the rest of its cross section into a groove on the internal circumference of the plug pot. By virtue of the shape and material of the securing ring and the slot shape, the plug head (2) can be pulled out of the plug pot (1) only with a tensile force which is greater than the limit value. In one development, the plug head (2) is mounted with an identical connection in the plug housing (3), in which case the mounting ring connection is designed in comparison to the securing ring connection such that the tensile force with which the plug head can be pulled out of the plug pot is less than that by means of which the plug head is held in the plug housing by the mounting ring connection.

IPC 8 full level  
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CPC (source: EP)  
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