

Title (en)  
PLUG FOR SHIELDED DATA CABLES

Title (de)  
STECKER FÜR GESCHIRMTE DATENKABEL

Title (fr)  
FICHE MALE POUR CABLE DE DONNÉES BLINDÉ

Publication  
**EP 1989764 B1 20120725 (DE)**

Application  
**EP 06777118 A 20060830**

Priority  
• EP 2006008475 W 20060830  
• DE 102006010279 A 20060302

Abstract (en)  
[origin: WO2007098791A1] A plug for shielded data cables, in particular an RJ45 plug, has an electrically conducting housing, which can be assembled from a first shell (1) and a second shell (2). An electrically insulating plug body (4) accommodates plug contacts (302). A printed circuit board (3), which can be inserted into the housing, bears the plug contacts (302) and insulation displacement contacts (303, 304) and conductively connects them to one another. The printed circuit board (3) is insulated from the housing (1) by a non-conducting foil (301). The wires of the data cable to be connected can be inserted into a loading piece (5), wherein the wires are accommodated in two planes one above the other in the loading piece (5). The data cable can be mounted in the loading piece (5) and the second shell (2). When the shells (1, 2) are assembled, the insulation displacement contacts (303, 304) make contact with the wires of the data cable which are accommodated in the loading piece (5).

IPC 8 full level  
**H01R 24/40** (2011.01); **H01R 24/58** (2011.01); **H01R 107/00** (2006.01)

CPC (source: EP US)  
**H01R 13/506** (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US); **H01R 4/2433** (2013.01 - EP US); **H01R 13/582** (2013.01 - EP US)

Cited by  
DE102019131596B3; US11471252B2; US10779718B2; US11534974B2; US11633268B2; US10449016B2; US10886010B2; US11744677B2; US10537405B2; US10842601B2; US11534268B2; US11717384B2; US10517482B2; US10842380B2; US11273011B2; US11376101B2; US11026768B2; US11432908B2; US11554000B2; US11596502B2; US10130445B2; US11419702B2; US11436191B2; US11638629B2; US10470847B2; US10524881B2; US10888396B2; US11083545B2; US11116605B2; US10548700B2; US10610332B2; US11045283B2; US11096763B2; US11931222B2; US10456043B2; US10507087B2; US10888400B2; US10918286B2; US11123156B2; US11712164B2; US10413385B2; US10421152B2; US10504386B2; US10813720B2; US10828719B2; US10919209B2; US11037466B2; US10639134B2; US10758321B2; US10772506B2; US10835128B2; US11103330B2; US11369271B2; US10327872B2; US10507088B2; US10507089B2; US10624720B1; US10952827B2; US11213368B2; US11219506B2; US11564777B2; US11612454B2; US10248883B2; US10390913B2; US10543064B2; US10813727B2; US11013581B2; US11042774B2; US10123706B2; US10380212B2; US10509838B2; US10528636B2; US10585958B2; US10606911B2; US10885521B2; US10893918B2; US11026831B2; US11576752B2; US10383705B2; US10595966B2; US10613515B2; US10932885B2; US10980613B2; US10993783B2; US11191617B2; US11426259B2; US11612455B2; US11937991B2

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