

Title (en)
Electrical connector

Title (de)
Elektrischer Verbinder

Title (fr)
Connecteur électrique

Publication
EP 1168512 A1 20020102 (EN)

Application
EP 01112433 A 20010522

Priority
DE 10030228 A 20000620

Abstract (en)
An electrical connector (10) for two electrical components (11, 12) having contact surfaces (16, 17), which in the assembled state lie opposite one another and preferably extend parallel to one another, is provided with an insulating body (13) equipped with a plurality of contacts (14), which are held at a distance alongside one another and profiled in longitudinal section, and mechanically connectable to one of the electrical components (11, 12). To enable a more advantageous design of the connector (10) in terms of both the overall length and the constructional outlay while still guaranteeing good contact making, it is provided that each contact (14) at its free and freely movable end region (19) projecting out of the insulating body (13) is provided with two oppositely directed contact points (31, 32), which are spaced apart in axial contact direction and disposed in mutually offset planes, for the contact surfaces of the two electrical components (11, 12). <IMAGE>

IPC 1-7
H01R 12/18

IPC 8 full level
H01R 12/12 (2006.01); **H01R 12/18** (2006.01); **H01R 12/20** (2006.01); **H01R 12/28** (2006.01); **H01R 12/72** (2011.01)

CPC (source: EP)
H01R 12/721 (2013.01)

Citation (search report)
• [X] US 4692120 A 19870908 - FEINSTEIN DAVID Y [US]
• [X] US 6007359 A 19991228 - KOSMALA MICHAEL LAWRENCE [US]
• [X] US 5871368 A 19990216 - ERDNER TODD D [US], et al

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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