

Title (en)
An electrical connector

Title (de)
Elektrischer Verbinder

Title (fr)
Connecteur électrique

Publication
EP 1914837 A2 20080423 (EN)

Application
EP 07254145 A 20071018

Priority
GB 0620868 A 20061020

Abstract (en)
An electrical connector (10) that is assemblable from a dismantled to an assembled condition comprises a pair of electrically conducting connector parts (11, 12) that are securable together to define the connector. Each connector part (11, 12) has formed therein a cable recess (13) for receiving a respective cable requiring connection; each said recess (13) communicating with the exterior of the associated connector part via a cable insertion aperture (14); each connector part (11, 12) including one or more cable clamps (18) that are operable in order to clamp a cable inserted via the cable insertion aperture (14); and the said connector parts having respectively formed thereon or therein a mateable portion (21, 22), of a multi-part connection. The mateable portions (21, 22) are mutually engageable to prevent separation of the connector parts (11, 12) from one another in at least a first direction, one of the mateable portions (21, 22) being at least partly receivable within a recess formed in or defining the other mateable portion on assembly of the connector.

IPC 8 full level
H01R 4/30 (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP GB)
H01R 11/01 (2013.01 - GB); **H01R 11/11** (2013.01 - EP); **H01R 11/32** (2013.01 - GB); **H01R 13/622** (2013.01 - EP); **H01R 4/36** (2013.01 - EP); **H01R 4/5083** (2013.01 - EP); **H01R 11/01** (2013.01 - EP)

Citation (applicant)
• GB 2319402 A 19980520 - B & H LTD [GB]
• EP 0669044 A1 19950830 - B & H NOTTM LTD [GB]

Cited by
EP3159977A1; US8747170B2; WO2013165955A1; US9147967B2; US10135158B2; US11276946B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1914837 A2 20080423; **EP 1914837 A3 20091104**; GB 0620868 D0 20061129; GB 2443000 A 20080423

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EP 07254145 A 20071018; GB 0620868 A 20061020