

Title (en)

Electrical connectors and connecting parts therefor

Title (de)

Elektrische Verbinder mit Verbindungsteilen

Title (fr)

Connecteurs électriques comportant des éléments de fixation

Publication

**EP 0849835 A2 19980624 (EN)**

Application

**EP 97310450 A 19971222**

Priority

GB 9626453 A 19961220

Abstract (en)

A plug (2) has an insulating housing (4) and two elongate, conductive, connecting pins (6) which each extend within a tubular bore (10). Each pin (6) is wholly within, and does not project relative to, its respective bore (10). Each pin (6) carries a resilient, conductive lantern spring (14) to enable good electrical contact between the pin (6) and a socket (22). The socket (22) has a housing (24) of insulating material defining a tubular sheath which extends around and insulates a substantially cylindrical, tubular, conductive socket (30). This socket (30), with its insulating sheath (26), is receivable within the corresponding bore (10) in the plug (2). In the connected position, the pin (6) is received within the socket (30), and the socket (30) is insulated both by its sheath (26) and by the housing (4) of the plug (2) such that the electrically conductive parts are completely inaccessible from the outside. <IMAGE> <IMAGE>

IPC 1-7

**H01R 13/512**; H01R 15/00; H01R 19/04

IPC 8 full level

**H01R 13/05** (2006.01); **H01R 13/512** (2006.01)

CPC (source: EP)

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Cited by

DE102016213757B4; EP1253692A1; CN102306880A; DE102005016266A1; DE102005016266B4; CN109506803A; EP2040339A1; DE102016213757A1; EP4009447A1; US6948955B2; WO02089283A1; US10177496B2

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