

Title (en)

PLUG SOCKET FOR A MULTIPOLE PLUG CONNECTION FOR THE ELECTRICAL LINK-UP OF A MOTOR VEHICLE TRAILER, AND
MULTICORE CONDUCTIVE STRAND TO BE FITTED IN SUCH A PLUG SOCKET

Publication

EP 0374592 A3 19910109 (DE)

Application

EP 89122529 A 19891206

Priority

DE 3842160 A 19881215

Abstract (en)

[origin: EP0374592A2] A plug socket (10) for a multipole plug connection for the electrical link-up of motor vehicle trailers has a socket housing (12) in which a contact carrier (30) carrying contacts (42) is received. The contacts (42) have a conductor connecting part (44), via which they are connected to an electrical conductor (46). They also have a sleeve part (42) for receiving contact pins of a plug. For simpler installation through narrow cable channels of motor vehicles, it is proposed to receive each contact (42) partially in a flexible, pliant, disc-shaped element in such a way that each contact (42), together with conductors (46) attached to it can be pulled off from the element (40), viewed in the direction from the conductor connecting part (44) to the sleeve part (52), but in the opposite direction is seated in a non-displaceable manner in the element (40). In this arrangement, the element, together with the contacts (42) partially received therein, is connected releasably to the contact carrier (30).
<IMAGE>

IPC 1-7

H01R 13/436

IPC 8 full level

H01R 13/436 (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)

H01R 13/4362 (2013.01); **H01R 13/5202** (2013.01)

Citation (search report)

- [Y] US 3950056 A 19760413 - BOWEN ROGER
- [A] US 4113333 A 19780912 - HOROWITZ CHARLES
- [A] FR 1547023 A 19681122
- [YD] Deutsches Institute für Normung e.V. DIN V 72 570 Teil 1, Oktober 1988, Berlin Elektrische Steckvorrichtungen zwischen Zug- und Anhängernfahrzeugen

Cited by

DE9207523U1; FR2701604A1; CN117767040A

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