

Title (en)

Plug connector, especially for the electrical connection of vehicle trailers.

Title (de)

Steckverbindung, insbesondere für den elektrischen Anschluss von Anhängerfahrzeugen.

Title (fr)

Connecteur à fiche, spécialement pour la connexion électrique de remorques de véhicule.

Publication

EP 0568030 B1 19951122 (DE)

Application

EP 93106865 A 19930428

Priority

DE 9205811 U 19920430

Abstract (en)

[origin: EP0568030A1] The invention relates to a plug connection for the electrical connection of trailer vehicles, consisting of a plug socket (2), which is equipped with a cover which can pivot against the effect of a restoring spring in the opening direction, and of a plug (3), in the case of which plug socket the open cover (1) has an internal locking tab (4) which, on the connecting-line side, engages behind a locking shoulder (5) on the plug housing (6) of the plug (3) which is inserted into the plug socket (2) and is distinguished by the fact that the locking shoulder (5) and/or that surface of the locking tab (4) facing the locking shoulder (5) are/is provided with a metallic material section (7) whose exposed surface preferably has sharp-edged surface unevennesses (8). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

DE102012007911A1; CN102255181A; CN102255196A; CN111628333A; GB2532124A; GB2532124B; DE102012007911B4; FR2754644A1; US5934918A; US5904588A; EP0803939A3; CN109228911A; DE102018116948B4; US9543719B2; US9806478B2; WO2013156096A1; US10326236B1; US10707611B2

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