

Title (en)

Plug connector for the electrical connection of trailers

Title (de)

Stecker für eine Steckverbindung für den elektrischen Anschluss von Kraftfahrzeuganhängern

Title (fr)

Connecteur à fiches pour la connexion électrique de remorques

Publication

EP 0562645 B2 20041124 (DE)

Application

EP 93108402 A 19870605

Priority

- DE 8615641 U 19860610
- EP 87108259 A 19870605

Abstract (en)

[origin: EP0249181A2] The plug has the bayonet connection part (5) consisting of an inner sleeve (7) on which the bayonet ring rotates and with which the cap (4) can be screwed with axial location of contact insert (2). The cover seat platform (6) is fixed to the bayonet ring and rotates with it. Only one base section (9) of the cover seat platform is connected in one piece with the bayonet ring (8) whilst a plate section (10) of the cover seat platform fits or rests on the base section as special part and is fixed to it.

IPC 1-7

H01R 24/00; **H01R 13/625**

IPC 8 full level

H01R 13/625 (2006.01); **H01R 13/447** (2006.01)

CPC (source: EP)

H01R 13/625 (2013.01); **H01R 13/447** (2013.01)

Citation (opposition)

Opponent :

- DE 3405520 A1 19840823 - DROGO PIERRE L M
- US 4109990 A 19780829 - WALDRON CLIFFORD ROBERT, et al
- DE 1908540 A1 19690918 - ELECTRONIC COMPONENTS LTD
- GB 2033174 A 19800514 - BENDIX CORP
- DE 2733509 C2 19820408
- FR 1403561 A 19650618 - BENDIX CORP
- DE 8424654 U1 19851219
- DE 8502107 U1 19850502
- DE 2604896 A1 19760819 - AMP INC
- Draft Agenda for the 1st meeting of ISO/TC 22/SC 3/WG 9 (August 1985)
- Brief Minutes on the 1st meeting of the working group ISO/TC 22/SC 3/WG 9 (September 1985)
- Musterstecker Amphenol-Tuchel Electronics GmbH, Serie C16-3
- Datenblatt Amphenol-Tuchel Electronics GmbH, Serie C16-3
- Schreiben Amphenol-Tuchel GmbH an KEMA vom 30.04.85
- Schreiben der Firma Amphenol-Tuchel Electronics vom 08.08.1985 an die Firma Engelhardt GmbH

Cited by

WO03003521A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0562645 A2 19930929; **EP 0562645 A3 19960124**; **EP 0562645 B1 19981007**; **EP 0562645 B2 20041124**; AT E103422 T1 19940415; AT E172062 T1 19981015; DE 3752225 D1 19981112; DE 3789402 D1 19940428; DE 8615641 U1 19861113; EP 0249181 A2 19871216; EP 0249181 A3 19900117; EP 0249181 B1 19940323; ES 2053467 T3 19940801; ES 2123587 T3 19990116; ES 2123587 T5 20050401

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EP 93108402 A 19870605; AT 87108259 T 19870605; AT 93108402 T 19870605; DE 3752225 T 19870605; DE 3789402 T 19870605; DE 8615641 U 19860610; EP 87108259 A 19870605; ES 87108259 T 19870605; ES 93108402 T 19870605