

Title (en)

Plug for electrical connection between a towing vehicle and a trailer

Title (de)

Steckverbinder für die elektrische Verbindung zwischen einem Fahrzeug und Anhänger

Title (fr)

Connecteur pour la connexion électrique entre un véhicule et une remorque

Publication

**EP 1049212 A1 20001102 (EN)**

Application

**EP 00106412 A 20000324**

Priority

IT TO990340 A 19990427

Abstract (en)

Plug for electrical connection between a towing vehicle and a trailer, comprising a casing (12), a contact-holder body (14) and a bayonet connection portion (68) for the connection of the plug (10) to a socket, in which the bayonet connection portion (68) can be rotated with respect to the contact-holder body (14) between a position of insertion of the plug into the socket and a position in which the plug is locked in the socket. The bayonet connection portion (68) is fixed with respect to the casing (12). The casing (12) and the contact-holder body (14) are fitted with mutually engaging means of retention (66, 46) which axially hold the contact-holder body (14) on the casing (12) and leave freedom of relative rotation between the contact-holder body (14) and the casing (12) between said insertion and locked positions. <IMAGE>

IPC 1-7

**H01R 13/625**

IPC 8 full level

**H01R 13/625** (2006.01); **H01R 13/502** (2006.01)

CPC (source: EP)

**H01R 13/625** (2013.01); **H01R 13/502** (2013.01)

Citation (search report)

- [X] EP 0620615 A2 19941019 - SUMITOMO WIRING SYSTEMS [JP]
- [A] EP 0383154 A1 19900822 - GEBHARD DIETRICH [DE]
- [A] EP 0369257 A2 19900523 - DIETRICH GEBHARD

Cited by

EP1686658A3; ES2194606A1; EP1300915A1; EP1978603A3; WO2004105195A1; EP3242360A1; US10050380B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1049212 A1 20001102; EP 1049212 B1 20020911**; AT E224111 T1 20020915; DE 60000425 D1 20021017; DE 60000425 T2 20030605; IT 1308457 B1 20011217; IT TO990340 A0 19990427; IT TO990340 A1 20001027

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