

Title (en)
Electrical connecting device

Title (de)
Elektrische Steckvorrichtung

Title (fr)
Dispositif de connexion électrique

Publication
EP 0858127 A3 19991020 (DE)

Application
EP 97116691 A 19970925

Priority
DE 29702013 U 19970206

Abstract (en)
[origin: EP0858127A2] The connector has a plug element (12) connected to the end of a lead cable inserted axially in a socket element (18) provided by a stationary device, to bring cooperating contact elements into contact with one another. The connector can be locked in the closed position via a locking element provided by the plug element, cooperating with a locking element provided by the socket element, with a matching projection (32) of the plug element fitting into a corresponding slot (31) in the socket element, for tensioning a seal (24) between the connector elements.

IPC 1-7
H01R 13/52; **H01R 13/64**

IPC 8 full level
H01R 13/52 (2006.01); **H01R 13/629** (2006.01); **H01R 13/64** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP)
H01R 13/629 (2013.01); **H01R 13/5219** (2013.01); **H01R 13/6272** (2013.01)

Citation (search report)

- [XY] US 5137466 A 19920811 - ENDO TAKAYOSHI [JP], et al
- [Y] US 5336101 A 19940809 - KASUGAI MASAKUNI [JP], et al
- [A] DE 29506134 U1 19960801 - BOSCH GMBH ROBERT [DE]
- [A] DE 19526527 A1 19960125 - YAZAKI CORP [JP]
- [A] US 4709123 A 19871124 - YAMASHITA AKIHIKO [JP], et al

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29702013 U1 19980604; DE 59709570 D1 20030424; EP 0858127 A2 19980812; EP 0858127 A3 19991020; EP 0858127 B1 20030319; ES 2195063 T3 20031201

DOCDB simple family (application)
DE 29702013 U 19970206; DE 59709570 T 19970925; EP 97116691 A 19970925; ES 97116691 T 19970925