

Title (en)

Sealed electrical connecting device

Title (de)

Abgedichtete elektrische Verbindungsanordnung

Title (fr)

Dispositif de connexion électrique étanche

Publication

EP 0810693 B1 20010718 (FR)

Application

EP 97400937 A 19970425

Priority

FR 9606711 A 19960531

Abstract (en)

[origin: EP0810693A1] The housing (1) has an annular groove in its front edge for part of a sealing ring (7) whose cross-section resembles a hook (3) turned inwards. The ring protrudes from the groove in the axial direction. The cover (4) of the housing and the shell (2) of the plug have bearing surfaces (10,11) shaped for contact with the ring when the cover is closed and when the plug is inserted, respectively.

IPC 1-7

H01R 13/52

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP US)

H01R 13/5213 (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US)

Cited by

US7208687B2; CN109119851A

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0810693 A1 19971203; EP 0810693 B1 20010718; AU 2362097 A 19971204; AU 727944 B2 20010104; CA 2202927 A1 19971130; CA 2202927 C 20050405; DE 69705676 D1 20010823; DE 69705676 T2 20020508; FR 2749444 A1 19971205; FR 2749444 B1 19980724; JP H1050394 A 19980220; MX 9703973 A 19980430; US 5980278 A 19991109

DOCDB simple family (application)

EP 97400937 A 19970425; AU 2362097 A 19970526; CA 2202927 A 19970416; DE 69705676 T 19970425; FR 9606711 A 19960531; JP 11884097 A 19970422; MX 9703973 A 19970529; US 86599197 A 19970530