

Title (en)
Electrical and waterproof connection device

Title (de)
Wasserdichte elektrische Verbindungsvorrichtung

Title (fr)
Dispositif de connexion électrique étanche

Publication
EP 0718923 B1 19980325 (FR)

Application
EP 95402534 A 19951113

Priority
FR 9414515 A 19941202

Abstract (en)
[origin: EP0718923A1] The electric connector has contacts enclosed in a casing (1) under the cover (4) which has a bevelled edge (10) for retention by a catch (3) and is jointed (5) at the opposite side. The frontal edge of the casing features an annular groove from which the sealing ring (7) protrudes in the axial direction. The cover and the casing of a mating free socket have similarly bevelled edges (10) which make contact with the ring when the cover is closed and when the socket is inserted, respectively. The groove has a flat inner edge compatible with a corresp. part (12) of the cover.

IPC 1-7
H01R 13/52

IPC 8 full level
H01R 13/447 (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)
H01R 13/447 (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US); **H01R 13/5213** (2013.01 - EP US)

Cited by
WO2023067276A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0718923 A1 19960626; EP 0718923 B1 19980325; AU 3915995 A 19960613; AU 711464 B2 19991014; CA 2162006 A1 19960603; DE 69501873 D1 19980430; DE 69501873 T2 19980723; ES 2114282 T3 19980516; FR 2727800 A1 19960607; FR 2727800 B1 19970117; JP H08222315 A 19960830; US 5743752 A 19980428

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EP 95402534 A 19951113; AU 3915995 A 19951130; CA 2162006 A 19951102; DE 69501873 T 19951113; ES 95402534 T 19951113; FR 9414515 A 19941202; JP 30393495 A 19951027; US 56515295 A 19951130