

Title (en)

WATERTIGHT ELECTRIC CONNECTION DEVICE INCLUDING TWO CONJUGATED CONNECTION MEMBERS

Title (de)

WASSERDICHT ELEGTRISCHE ANSCHLUSSVORRICHTUNG MIT ZWEI KONJUGIERTEN ANSCHLUSSELEMENTEN

Title (fr)

DISPOSITIF DE CONNEXION ELECTRIQUE ETANCHE COMPORTANT DEUX ELEMENTS DE CONNEXION CONJUGUES

Publication

**EP 2104963 A2 20090930 (FR)**

Application

**EP 07870347 A 20071128**

Priority

- FR 2007001951 W 20071128
- FR 0610426 A 20061129

Abstract (en)

[origin: FR2909226A1] The device has a mobile socket (1) connected to a plug (2) comprising an external case (12). An external tubular flexible joint (13) is fixed to the socket. The joint has an annular frontal stop surface (14) cooperated with a surface (15) of the case such that sealing is ensured between the socket and the plug from an intermediate rest position till a connection position. The joint is subjected to folding in the connection position due to translational movements of the socket and the plug. The surfaces are slid with respect to each other during rotational movement of the socket and the plug.

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/453** (2006.01); **H01R 13/625** (2006.01)

CPC (source: EP US)

**H01R 13/4538** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US); **H01R 13/625** (2013.01 - EP US)

Citation (search report)

See references of WO 2008071882A2

Cited by

CN102709019A; DE102012014618B3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2909226 A1 20080530**; AT E555523 T1 20120515; AU 2007331366 A1 20080619; AU 2007331366 B2 20111027; EP 2104963 A2 20090930; EP 2104963 B1 20120425; ES 2386128 T3 20120809; US 2010068929 A1 20100318; US 8092240 B2 20120110; WO 2008071882 A2 20080619; WO 2008071882 A3 20080807

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