

Title (en)
SEALING JOINTS FOR ELECTRICAL CONNECTORS

Title (de)
ABDICHTENDE VERBINDUNGEN FÜR ELEKTRISCHE VERBINDER

Title (fr)
JOINT D'ETANCHEITE POUR CONNECTEUR ELECTRIQUE

Publication
EP 2122779 B1 20160127 (EN)

Application
EP 07735390 A 20070306

Priority
IB 2007051219 W 20070306

Abstract (en)
[origin: WO2008107740A1] A sealing joint (1) for an electrical connector (5) comprises a body made of a flexible material and at least one membrane (10) having a peripheral edge connected to a wall (20) of a hole (2) of the body. The membrane comprises at least one thick portion (11), as well as a preferential opening portion (12) created by a local reduction of the membrane thickness and which presents at least two ends which are located in the vicinity of the peripheral edge of the membrane (10). The smallest value (e) of the membrane thickness in said preferential opening portion (12) is lower than or equal to 70% of the smallest value (g) of the membrane thickness in said at least one thick portion (11). Preferably, each one of said at least two ends is connected to said wall (20) by a part (21) of gradually increased thickness (tS).

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP)
H01R 13/5208 (2013.01)

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)
WO 2008107740 A1 20080912; WO 2008107740 A9 20081204; CN 101663799 A 20100303; CN 101663799 B 20121212;
EP 2122779 A1 20091125; EP 2122779 B1 20160127

DOCDB simple family (application)
IB 2007051219 W 20070306; CN 200780052861 A 20070306; EP 07735390 A 20070306