

Title (en)

MAT SEAL JOINT FOR ELECTRICAL CONNECTOR

Title (de)

MATTENABDICHTVERBINDUNG FÜR EINEN ELEKTRISCHEN VERBINDER

Title (fr)

JOINT D'ÉTANCHÉITÉ POUR UN CONNECTEUR ÉLECTRIQUE

Publication

EP 2201649 B1 20111012 (EN)

Application

EP 07859567 A 20071012

Priority

IB 2007055371 W 20071012

Abstract (en)

[origin: WO2009047589A1] A mat seal joint (1) for an electrical connector, the joint comprising a body having through channels (2a, 2b) for retention therein of an electrical cable (9), at least one of the channels having a wall and a sealing membrane extending from the wall and sealing the channel against fluids, the membrane comprising a thin portion (15) torn upon insertion of an electrical member, and a thick portion (16), mechanically joining the thin zone to the wall, the membrane comprises an anti-sealant portion (17) whereby, in a failed state, fluids are allowed to flow through the channel.

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP)

H01R 13/5208 (2013.01)

Citation (examination)

WO 2008107740 A1 20080912 - FRAMATOME CONNECTORS INT [FR], et al

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 2009047589 A1 20090416; AT E528828 T1 20111015; CN 101889371 A 20101117; CN 101889371 B 20130116; EP 2201649 A1 20100630; EP 2201649 B1 20111012

DOCDB simple family (application)

IB 2007055371 W 20071012; AT 07859567 T 20071012; CN 200780101829 A 20071012; EP 07859567 A 20071012