

Title (en)
SEALING CONTACT CHAMBERS AGAINST INJECTION-MOULDING MATERIAL (PLASTIC) DURING THE PROCESS OF ENCAPSULATION BY INJECTION MOULDING

Title (de)
ABDICHTUNG DER KONTAKTKAMMERN GEGEN SPRITZMATERIAL (KUNSTSTOFF) WÄHREND DES UMSPRITZPROZESSES

Title (fr)
ÉTANCHÉITÉ DES CHAMBRES DE CONTACT CONTRE UN MATÉRIAU PULVÉRISÉ (PLASTIQUE) PENDANT LE PROCESSUS D'INJECTION

Publication
EP 2638603 B1 20210526 (DE)

Application
EP 11784628 A 20111110

Priority
• DE 102010051100 A 20101112
• EP 2011069841 W 20111110

Abstract (en)
[origin: WO2012062855A1] Method and apparatus for producing a plug-type connector (6), which has a plastic-injection-moulded contact carrier (1) with contact chambers for accommodating in each case one contact partner, wherein, furthermore, a sealing element is provided which acts on in each case one outer sheath of at least one cable (4) which is passed out of the plug-type connector (6) and is connected at the end of the electrical conductor thereof to the associated contact partner, characterized in that the sealing element is likewise produced in an injection-moulding method from plastic together with the contact carrier (1).

IPC 8 full level
H01R 13/50 (2006.01); **H01R 13/504** (2006.01); **H01R 43/00** (2006.01)

CPC (source: EP)
H01R 13/501 (2013.01); **H01R 13/504** (2013.01); **H01R 43/005** (2013.01); **H01R 2201/26** (2013.01)

Citation (examination)
• US 5580264 A 19961203 - AOYAMA MASAHIKO [JP], et al
• DE 60131488 T2 20080417 - VALEO ELECTRONIQUE SYS LIAISON [FR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011055215 A1 20120516; CN 103210548 A 20130717; CN 103210548 B 20160210; EP 2638603 A1 20130918; EP 2638603 B1 20210526; ES 2883178 T3 20211207; HK 1184597 A1 20140124; WO 2012062855 A1 20120518

DOCDB simple family (application)
DE 102011055215 A 20111110; CN 201180054169 A 20111110; EP 11784628 A 20111110; EP 2011069841 W 20111110; ES 11784628 T 20111110; HK 13111955 A 20131024