

Title (en)

Method for sealing an electrical coupling section and coupling section produced according to this method

Title (de)

Verfahren zum Abdichten eines elektrischen Kupplungsteils und damit hergestelltes Kupplungsteil

Title (fr)

Procédé destiné à étanchéifier un élément d'embrayage électrique et élément d'embrayage fabriqué avec ce procédé

Publication

EP 2706620 B1 20141105 (DE)

Application

EP 12306084 A 20120910

Priority

EP 12306084 A 20120910

Abstract (en)

[origin: EP2706620A1] The method involves connecting multiple conductors to electrical contact elements (7,8) of an electrical coupling portion (K) mounted at the end of an electrical line (1). An annular groove is formed in the circumferential direction of a casing. A protective housing (9) is injection molded with insulating material around a connecting point between the conductors and the contact elements. An O-ring (10) is placed with a corresponding pretension against the lateral borders of the groove in the casing, and is connected tightly with the protective housing in a moisture proof manner. An independent claim is included for an arrangement for sealing an electrical coupling portion against moisture.

IPC 8 full level

H01R 13/52 (2006.01); **H01R 43/24** (2006.01)

CPC (source: EP US)

H01R 13/5202 (2013.01 - US); **H01R 13/5205** (2013.01 - EP US); **H01R 43/24** (2013.01 - EP US); **H01R 13/504** (2013.01 - EP US)

Cited by

EP2980464A1; US10530139B2

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)

EP 2706620 A1 20140312; **EP 2706620 B1 20141105**; CN 103682793 A 20140326; CN 103682793 B 20171121; ES 2527996 T3 20150203; US 2014073162 A1 20140313; US 9106002 B2 20150811

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