

Title (en)
Flat conductor sealing element

Title (de)
Flachleiter-Dichtelement

Title (fr)
Élément d'étanchéité de conducteur plat

Publication
EP 1936750 A1 20080625 (DE)

Application
EP 07020642 A 20071022

Priority
GB 0625527 A 20061222

Abstract (en)
The sealing element (10) has a slot (12) that is extended, by the sealing element, for receiving a flat conductor. The slot is defined by an elastically ductile material in such a manner that the surfaces of the elastically ductile material are lying on one another during non mounting of flat conductor. The elastically ductile material has an elastomer material, e.g. a rubber or a silicone. An independent claim is also included for a method for mounting a sealing element, which involves inserting flat conductor into an area wise wedge-shaped inlet guide.

Abstract (de)
Die vorliegende Erfindung betrifft ein Dichtelement (10) mit wenigstens einem sich durch das Dichtelement hindurch erstreckenden Schlitz (12) zur Aufnahme eines Flachleiters, wobei der Schlitz durch ein elastisch verformbares Material derart definiert ist, dass den Schlitz begrenzende Oberflächen des elastisch verformbaren Materials bei nicht aufgenommenem Flachleiter aneinander anliegen.

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP)
H01R 12/772 (2013.01); **H01R 13/5205** (2013.01); **H01R 13/5208** (2013.01); **H01R 43/005** (2013.01)

Citation (applicant)
• EP 1030425 A2 20000823 - DELPHI TECH INC [US]
• JP 2005276638 A 20051006 - SEIKO EPSON CORP

Citation (search report)
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• [Y] US 5788519 A 19980804 - STERN ERIC JOSEPH [US]
• [X] JP 2005276638 A 20051006 - SEIKO EPSON CORP
• [X] US 5588856 A 19961231 - COLLINS MARY A [US], et al
• [X] US 2004099628 A1 20040527 - CASTERLIN DOUGLAS [US]
• [X] EP 0948092 A1 19991006 - YAZAKI CORP [JP]
• [X] EP 0948090 A1 19991006 - YAZAKI CORP [JP]
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FR2932026A1; CN102957036A; EP2559975A1; ITMI20081975A1; DE102022115266B3; WO2009144231A1; US10559408B2; US10916362B2; US9151653B2; EP2560258A2; US8791376B2; NL2020033A; JP2022027750A; KR20220067005A; US10008362B1; WO2018121969A1; WO2023016437A1; EP2559975B1

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

Designated extension state (EPC)
AL BA HR MK RS

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