

Title (en)
Motor vehicle coupling socket

Title (de)
Steckdose eines Kraftfahrzeugs

Title (fr)
Prise d'un véhicule automobile

Publication
EP 2535985 B1 20160713 (DE)

Application
EP 12166456 A 20120502

Priority
DE 202011102857 U 20110616

Abstract (en)
[origin: EP2535985A1] The socket (1) has a receptacle (2) fixed to a motor vehicle, and a contact carrier (4) arranged in the receptacle, where the carrier is connected with the receptacle as a single-piece. A cover (15) is attached to the receptacle and provided for closing an insertion opening (16) for a plug connector in a sealing manner in a non-usage condition. A proximity sensor (12) is attached to the socket for detecting closing condition of the cover in the receptacle. A seal (18) with elastomer characteristics is arranged in an insertion area formed between the receptacle and the carrier.

IPC 8 full level
H01R 13/52 (2006.01); **H01R 13/70** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP)
H01R 13/5213 (2013.01); **H01R 13/5219** (2013.01); **H01R 13/701** (2013.01); **H01R 13/7037** (2013.01)

Citation (examination)
DE 202009005591 U1 20090618 - PLASTIMAT GMBH [DE]

Cited by
KR102397298B1; CN107482344A; CN117681699A; GB2543425A; US11476613B1; US8894426B2; US8876539B2

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 202011102857 U1 20110920; DE 102012103812 A1 20121220; EP 2535985 A1 20121219; EP 2535985 B1 20160713

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