

Title (en)
PRESENCE SENSOR FOR AN OPENABLE BODY SECTION OF A MOTOR VEHICLE

Title (de)
PRÄSENZSENSOR FÜR EINEN ÖFFNUNGSFÄHIGEN KAROSSERIEABSCHNITT EINES KRAFTFAHRZEUGS

Title (fr)
CAPTEUR DE PRESENCE POUR OUVRANT DE VEHICULE AUTOMOBILE

Publication
EP 3084962 A2 20161026 (FR)

Application
EP 14816254 A 20141219

Priority
• FR 1303017 A 20131219
• EP 2014078743 W 20141219

Abstract (en)
[origin: WO2015091950A2] The present invention relates to a capacitive presence sensor (1) arranged in the gripping lever (L) of a handle of an openable body section (2) of a motor vehicle (V) characterised in that it comprises: a printed circuit (10) including a first surface (101) and a second surface (102), an electrode (E1) including a surface which extends along said first surface (101) and a second electrode (E2) including a surface which extends along said second surface (102); and also in that it comprises: a guard plane (13) made up of a conductive track arranged between the first electrode (E1) and the second electrode (E2), passing through the body (e) of said printed circuit (10) and comprising a first printed surface (130) extending along said first surface (101) of the printed circuit (10) and a second printed surface (131) extending along said second surface of the printed circuit (10).

IPC 8 full level
H03K 17/955 (2006.01)

CPC (source: CN EP US)
E05B 81/77 (2013.01 - US); **E05B 81/78** (2013.01 - US); **G01D 5/24** (2013.01 - CN EP US); **G01R 27/2605** (2013.01 - US); **G06F 3/044** (2013.01 - EP US); **H03K 17/955** (2013.01 - CN EP US); **H05K 1/162** (2013.01 - CN EP US); **H03K 2217/960765** (2013.01 - CN EP US); **H05K 1/025** (2013.01 - CN EP US); **H05K 2201/09672** (2013.01 - CN EP US); **H05K 2201/10151** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2015091950A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015091950 A2 20150625; **WO 2015091950 A3 20151119**; CN 106464252 A 20170222; CN 106464252 B 20190903; EP 3084962 A2 20161026; FR 3015690 A1 20150626; FR 3015690 B1 20160129; JP 2017503939 A 20170202; JP 6567527 B2 20190828; US 2016326778 A1 20161110; US 9797169 B2 20171024

DOCDB simple family (application)
EP 2014078743 W 20141219; CN 201480069654 A 20141219; EP 14816254 A 20141219; FR 1303017 A 20131219; JP 2016541316 A 20141219; US 201415105698 A 20141219