

Title (en)
PASSIVE ENTRY SYSTEM FOR A VEHICLE

Title (de)
PASSIVE-ENTRY-SYSTEM FÜR EIN FAHRZEUG

Title (fr)
SYSTEME D'ENTREE PASSIVE POUR VEHICULE

Publication
EP 2601741 A1 20130612 (FR)

Application
EP 11736381 A 20110728

Priority
• FR 1003290 A 20100806
• EP 2011063006 W 20110728

Abstract (en)
[origin: WO2012016905A1] The invention relates to a passive entry system for a vehicle comprising an ID tag (14) for a user outside the vehicle and a vehicle door handle (1) having wireless communication means (10) for communicating with the tag and a tag proximity detector, characterized in that the proximity detector consists of the wireless communication means which are designed to detect the presence or absence of mutual inductance between said communication means, which act as a first coil (12), and a tag, which acts as a second coil (16), and to anticipate communication with the tag detected as present, before any action on the door handle.

IPC 8 full level
H03K 17/95 (2006.01); **B60R 25/24** (2013.01)

CPC (source: EP)
B60R 25/24 (2013.01); **E05B 81/77** (2013.01); **E05B 81/78** (2013.01); **G07C 9/00309** (2013.01); **H03K 17/9522** (2013.01); **H03K 17/9542** (2013.01); **B60R 2325/103** (2013.01); **G07C 2009/00777** (2013.01); **G07C 2209/64** (2013.01)

Citation (search report)
See references of WO 2012016905A1

Citation (examination)
WO 03050371 A2 20030619 - WITTE VELBERT GMBH & CO KG [DE], et al

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)
FR 2963711 A1 20120210; FR 2963711 B1 20130426; EP 2601741 A1 20130612; WO 2012016905 A1 20120209

DOCDB simple family (application)
FR 1003290 A 20100806; EP 11736381 A 20110728; EP 2011063006 W 20110728