

Title (en)
DOOR HANDLE WITH A SENSOR SYSTEM

Title (de)
TÜRGRIF MIT SENSORIK

Title (fr)
POIGNÉE DE PORTE AVEC SYSTÈME DE CAPTEURS

Publication
EP 3566306 A1 20191113 (DE)

Application
EP 17780714 A 20171005

Priority
• DE 102016122549 A 20161122
• EP 2017075317 W 20171005

Abstract (en)
[origin: WO2018095636A1] The invention relates to a door handle (10) for a movable part (101), for example a door, flap or cover, in a vehicle (100), having an electronic unit (15) which is used at least for data communication with a vehicle system (103) or a mobile handheld device (52), wherein the electronic unit (15) is arranged in a recess (11) in the door handle (10). The invention provides for the electronic unit (15) to comprise at least one antenna (17) and a capacitive proximity sensor (18), wherein the antenna (17), in particular, is used for wireless data communication with the mobile handheld device (52), and the capacitive proximity sensor (18) is suitable for metrologically capturing approach of an operator.

IPC 8 full level
H03K 17/955 (2006.01); **B60R 25/24** (2013.01); **G07C 9/00** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP)
E05B 81/77 (2013.01); **E05B 85/16** (2013.01); **G07C 9/00309** (2013.01); **H01Q 1/3241** (2013.01); **H03K 17/955** (2013.01); **B60R 25/245** (2013.01); **E05B 81/54** (2013.01); **G07C 2209/65** (2013.01); **H01Q 1/3283** (2013.01); **H01Q 7/00** (2013.01); **H03K 2217/960765** (2013.01); **H03K 2217/96078** (2013.01)

Citation (search report)
See references of WO 2018095636A1

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)
DE 102017123065 A1 20180524; EP 3566306 A1 20191113; JP 2019537680 A 20191226; WO 2018095636 A1 20180531

DOCDB simple family (application)
DE 102017123065 A 20171005; EP 17780714 A 20171005; EP 2017075317 W 20171005; JP 2019527402 A 20171005