

Title (en)
VEHICLE DOOR PULL COMPRISING AN ANTENNA ARRANGEMENT

Title (de)
FAHRZEUGTÜRGRIFF MIT ANTENNENANORDNUNG

Title (fr)
POIGNÉE DE PORTIÈRE DE VÉHICULE ÉQUIPÉE D'UN AGENCEMENT D'ANTENNE

Publication
EP 3374973 B1 20220216 (DE)

Application
EP 16775617 A 20160926

Priority
• DE 102015119476 A 20151111
• EP 2016072820 W 20160926

Abstract (en)
[origin: WO2017080710A1] A vehicle door pull to be arranged on a motor vehicle, wherein the vehicle door pull has a handle (1) and a pull support (5) on which the handle (1) is mounted. The handle (1) has a first end section (a) and a second end section (c) and a pull section (b) which is arranged between the end sections in the central section of the handle (1). The end sections each have bearing sections, wherein the bearing sections protrude into the pull support (5) and are mounted there. An antenna (11) is arranged with a control circuit (10) in an interior hollow space in the handle (1), and the control circuit (10) has signal lines which are routed to the pull support (5). The antenna is in the form of a high-frequency antenna for signal transmission in the high-frequency range, and the control circuit (10) is coupled to the antenna (11) for transmission and reception purposes, wherein the antenna (11) is accommodated outside the pull section (b) in an end section (a, c) of the handle (1).

IPC 8 full level
G07C 9/00 (2020.01); **E05B 81/76** (2014.01); **H01Q 1/32** (2006.01)

CPC (source: EP US)
E05B 81/76 (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **H01Q 1/3241** (2013.01 - EP US); **H01Q 1/3283** (2013.01 - EP US)

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 102015119476 A1 20170511; EP 3374973 A1 20180919; EP 3374973 B1 20220216; US 10692317 B2 20200623;
US 2018300975 A1 20181018; WO 2017080710 A1 20170518

DOCDB simple family (application)
DE 102015119476 A 20151111; EP 16775617 A 20160926; EP 2016072820 W 20160926; US 201615767305 A 20160926