

Title (en)
DOOR HANDLE ASSEMBLY FOR A MOTOR VEHICLE

Title (de)
TÜRGRIFFAANORDNUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)
SYSTÈME DE POIGNÉE DE PORTE DE VÉHICULE

Publication
EP 3054069 B1 20180627 (DE)

Application
EP 16152966 A 20160127

Priority
DE 102015101733 A 20150206

Abstract (en)
[origin: US2016230429A1] A vehicle door handle assembly includes an actuating element, which is actuated by a user gripping the handle from behind. The actuating element protrudes outward through a recess in the handle from an inner cavity through a wall of the handle over an outer contour of the handle. The actuating element is movable through the recess in the direction of the handle inner cavity against an elastic restoring force. The actuating element is at least in sections made of a metal. Located inside the handle is a stationary electric module with an inductive distance sensor so that when the actuating element moves, the distance of the actuating element in relation to the inductive distance sensor changes. An evaluation unit detects the signals of the inductive distance sensor, detects an actuation as a function of the signals, and provides an output signal.

IPC 8 full level
E05B 81/76 (2014.01); **E05B 17/10** (2006.01)

CPC (source: EP US)
E05B 81/64 (2013.01 - US); **E05B 81/76** (2013.01 - EP US); **E05B 85/16** (2013.01 - US); **E05B 17/10** (2013.01 - EP US)

Cited by
CN111971441A; EP3721034A4; FR3065418A1; FR3096711A1; CN113924403A; US10647290B2; WO2018197771A1; WO2020239756A1; US11739573B2; US12044047B2

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)
EP 3054069 A1 20160810; **EP 3054069 B1 20180627**; DE 102015101733 A1 20160811; US 2016230429 A1 20160811; US 9995065 B2 20180612

DOCDB simple family (application)
EP 16152966 A 20160127; DE 102015101733 A 20150206; US 201615014860 A 20160203