

Title (en)

Handling with an electronics system, which acts at least partially as mass compensation

Title (de)

Handhabe mit einer Elektronik, die zumindest teilweise als Massenausgleich wirkt

Title (fr)

Poignée avec un système électronique agissant au moins en partie comme un équilibrage des masses

Publication

EP 2581529 B1 20140806 (DE)

Application

EP 12186694 A 20120928

Priority

DE 102011054470 A 20111013

Abstract (en)

[origin: EP2581529A1] The handle (1) has a grip (10) that is moved at a door (3) of a motor vehicle. A balancer (40) is moved at the door in sequence of working accelerations to prevent that the grip affect with an accident the motor car. An electronic system (50) is provided to trigger a defined function of a closing device in response to an approximation of a user. The electronic system is provided with a sense element (51) that is integrated in the grip, and a residue electronics unit (41) that is fastened at inner-side of the door and is acted partially as the balancer.

IPC 8 full level

E05B 81/78 (2014.01); **E05B 77/06** (2014.01); **E05B 77/54** (2014.01)

CPC (source: EP US)

E05B 65/108 (2013.01 - US); **E05B 77/06** (2013.01 - EP US); **E05B 81/77** (2013.01 - EP US); **E05B 81/78** (2013.01 - EP US); **Y10T 292/57** (2015.04 - EP US)

Cited by

US11767690B2

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 2581529 A1 20130417; **EP 2581529 B1 20140806**; CN 103046815 A 20130417; CN 103046815 B 20170301; DE 102011054470 A1 20130418; US 2013147213 A1 20130613; US 9366059 B2 20160614

DOCDB simple family (application)

EP 12186694 A 20120928; CN 201210387464 A 20121012; DE 102011054470 A 20111013; US 201213651539 A 20121015