

Title (en)
Pull handle for a vehicle door

Title (de)
Ziehgriff für eine Fahrzeuggesteuer

Title (fr)
Poignée de tirage pour une porte de véhicule

Publication
EP 2857618 A3 20150429 (DE)

Application
EP 14186433 A 20140925

Priority
DE 102013016606 A 20131007

Abstract (en)
[origin: US2015096339A1] A pull handle (1) to unlock a lock of a vehicle door or lift-gate having a pull handle housing (1a) with a bearing part (2) for securing on a vehicle door or lift-gate and a handle part (3) connected to the bearing part (2) rotatable around a rotation axis (170). The handle part (3) is rotatable by pulling from a non-activated to an activated position. An activation mechanism (4) mounted in the pull handle housing (1a) unlocks the lock, and can be activated by pulling on the handle part (3) and having a coupling element (56, 146) mounted in the pull handle housing (1a) to couple with external elements to unlock the lock. A locking mechanism (5) is located completely in the pull handle housing (1a) and the activation mechanism (4) can be disabled so that a pulling on the handle part (3) does not unlock the lock.

IPC 8 full level
E05B 85/16 (2014.01); **E05B 13/00** (2006.01); **E05B 83/42** (2014.01); **E05B 85/06** (2014.01)

CPC (source: EP US)
E05B 13/005 (2013.01 - EP US); **E05B 79/06** (2013.01 - US); **E05B 85/06** (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US); **Y10T 70/5889** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

- [X] US 2009031768 A1 20090205 - YAMAGUCHI JUN [JP], et al & US 2009031770 A1 20090205 - YAMAGUCHI JUN [JP], et al & US 2009031771 A1 20090205 - YAMAGUCHI JUN [JP], et al
- [X] EP 1302613 A1 20030416 - HAPPICH FAHRZEUG & IND TEILE [DE]
- [XI] WO 02070840 A2 20020912 - HUF HUELSBECK & FUERST GMBH [DE], et al
- [XD] DE 10343355 B4 20120719 - TRI MARK CORP IND PARK [US]

Cited by
US11982102B2; WO2020025536A1

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)
EP 2857618 A2 20150408; EP 2857618 A3 20150429; EP 2857618 B1 20170315; DE 102013016606 A1 20150423; DE 102013016606 B4 20170524; DE 202014010498 U1 20151023; ES 2631081 T3 20170828; US 2015096339 A1 20150409; US 9567780 B2 20170214

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EP 14186433 A 20140925; DE 102013016606 A 20131007; DE 202014010498 U 20140925; ES 14186433 T 20140925; US 201414506998 A 20141006