

Title (en)
Outside door handle, in particular for vehicles

Title (de)
Türaussengriff, insbesondere für Fahrzeuge

Title (fr)
Poignée de porte extérieure, notamment pour véhicules

Publication
EP 1473423 A3 20070221 (DE)

Application
EP 04005516 A 20040309

Priority
DE 10319153 A 20030429

Abstract (en)
[origin: EP1473423A2] The handle has a support (10) fixed on the inside of the door with spring-loaded resetting lever (11). A handle (20) is fitted from the outside of the door into the support and the bearing points (26) on the handle side are spaced from the counter bearing points on the support side whilst a resilient clip (30) is mounted in the region of these bearing points. In the maintenance position of the resetting lever and after the mounting action is completed the clip is located between the bearing points whilst in the end position of the resetting lever the clip engages with keyed engagement with parts (27) on the attachment (23) of the handle or on the resetting lever. The clip has a spring arm with locking head at the end.

IPC 8 full level
E05B 7/00 (2006.01); **E05B 5/00** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01); **E05B 65/26** (2006.01)

CPC (source: EP)
E05B 77/04 (2013.01); **E05B 77/06** (2013.01); **E05B 79/06** (2013.01); **E05B 85/16** (2013.01)

Citation (search report)
• [AD] DE 19619869 A1 19961205 - VOLKSWAGEN AG [DE]
• [AD] EP 1207257 A1 20020522 - DAIMLER CHRYSLER AG [DE]
• [AD] EP 0795667 A2 19970917 - VALEO DEUTSCHLAND GMBH & CO [DE]
• [A] EP 0646688 A1 19950405 - YMOS AG IND PRODUKTE [DE]
• [A] DE 3628376 A1 19880225 - DAIMLER BENZ AG [DE]

Cited by
WO2012045589A1; EP2284339A3; EP3020895A1; CZ308003B6; CN102434027A; ITMI20090008A1; US11274475B2; EP3327229A1; CN112384670A; US2021324663A1; US8469411B2; US8746758B2; US8540293B2; WO2015106784A1; WO2009034035A1; WO2007134983A1; US9435137B2; US10145152B2; US10487548B2; WO2012052274A1; WO2020012261A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1473423 A2 20041103; EP 1473423 A3 20070221; EP 1473423 B1 20100224; AT E458883 T1 20100315; CN 1291125 C 20061220; CN 1542248 A 20041103; DE 10319153 B3 20041118; DE 502004010793 D1 20100408

DOCDB simple family (application)
EP 04005516 A 20040309; AT 04005516 T 20040309; CN 200410042014 A 20040429; DE 10319153 A 20030429; DE 502004010793 T 20040309