

Title (en)
Outer door handle for vehicles

Title (de)
Türaussengriff für Fahrzeuge

Title (fr)
Poignée extérieure pour véhicules

Publication
EP 1243724 A3 20031217 (DE)

Application
EP 02003947 A 20020222

Priority
DE 10114583 A 20010324

Abstract (en)
[origin: EP1243724A2] The device acts on a lock via a connecting element and has a normally inoperative crash lock and a crash sensor responsive to inertial force that activates the crash lock in a crash. The crash lock blocks the connecting element and does not transfer an inertial force on the handle to the lock. The connecting element has a drive element that moves in a liquid medium whose viscosity varies depending on an electric field controlled by the sensor. The device acts on a lock via a connecting element (31) when operated and has a crash lock (30) for the connecting element that is normally inoperative and a crash sensor responsive to inertial force that activates the crash lock in the event of a crash. The crash lock blocks the connecting element and does not transfer an inertial actuation force on the handle to the lock. The connecting element has a drive element (32) that moves with it in a liquid medium (40) whose viscosity varies depending on an applied electric field controlled by the crash sensor.

IPC 1-7
E05B 7/00; **E05B 65/20**; **E05B 51/02**; **E05B 17/20**; **E05B 65/12**

IPC 8 full level
E05B 7/00 (2006.01); **E05B 17/20** (2006.01); **E05B 51/02** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01); **E05B 77/06** (2014.01); **E05B 77/42** (2014.01); **E05B 17/00** (2006.01); **E05B 85/18** (2014.01)

CPC (source: EP US)
E05B 77/06 (2013.01 - EP US); **E05B 77/42** (2013.01 - EP US); **E05B 85/18** (2013.01 - EP US); **E05B 2047/0033** (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10S 292/65** (2013.01 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1243724 A2 20020925; **EP 1243724 A3 20031217**; **EP 1243724 B1 20041027**; DE 10114583 C1 20021205; DE 50201376 D1 20041202; ES 2225666 T3 20050316; US 2002148075 A1 20021017; US 6712409 B2 20040330

DOCDB simple family (application)
EP 02003947 A 20020222; DE 10114583 A 20010324; DE 50201376 T 20020222; ES 02003947 T 20020222; US 10509502 A 20020323