

Title (en)

OUTER DOOR HANDLE, ESPECIALLY FOR VEHICLES

Title (de)

TÜRAUSSENGRIFF, INSBESONDERE FÜR FAHRZEUGE

Title (fr)

POIGNEE EXTERIEURE DE PORTE, NOTAMMENT POUR VEHICULES

Publication

**EP 1187962 A1 20020320 (DE)**

Application

**EP 00945796 A 20000621**

Priority

- DE 19929022 A 19990625
- EP 0005734 W 20000621

Abstract (en)

[origin: US6648382B1] An outer door handle for vehicles has a stationary housing in the vehicle door. The handle has a handle arm and acts on a lock arranged within the door. A pivotable latching member serves as a mass latching mechanism and makes the handle actuatable in a release position. Because of its inertia in a crash situation, the latching member reaches an active support position and blocks the handle. The pivot bearing for the latching member is located on the stationary housing. The movable handle arm has a shoulder. A counter shoulder is provided on the latching member. The folding movement path of the shoulder on the handle arm is intersected by the pivot movement path of the counter shoulder. In a crash situation the shoulder comes to rest against the counter shoulder. In the release position, the shoulder passes the counter shoulder upon handle actuation.

IPC 1-7

**E05B 65/12**

IPC 8 full level

**E05B 85/10** (2014.01); **B60J 5/04** (2006.01); **E05B 1/00** (2006.01); **E05B 65/12** (2006.01); **E05B 77/06** (2014.01); **E05B 85/18** (2014.01)

CPC (source: EP KR US)

**E05B 77/06** (2013.01 - EP US); **E05B 85/10** (2013.01 - KR); **E05B 85/18** (2013.01 - EP US); **Y10S 292/12** (2013.01 - EP US); **Y10S 292/22** (2013.01 - EP US); **Y10S 292/65** (2013.01 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

See references of WO 0100953A1

Cited by

DE102006031226B4; EP1607555A3; DE102008009074A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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