Title (en)

Vehicle door handle

Title (de)

Kraftfahrzeugtürgriff

Title (fr)

Poignée de porte de véhicule automobile

Publication

EP 1050644 A9 20010502 (EN)

Application

EP 00109651 A 20000505

Priority

IT TO990379 A 19990507

Abstract (en)

[origin: EP1050644A2] A vehicle door handle (1) has a transmission lever (21) activated externally by means of a control lever (16) to rotate, about a hinge axis (15), between an angular rest position, and an angular work position to open a lock on the door; and an inertial member (39), which keeps the transmission lever (21) in the rest position in the event of lateral impact on the vehicle, rotates about the axis (15) with respect to the transmission lever (21), and has an inertial mass (42) located eccentrically with respect to the axis (15), and a one-way angular locking device (57) enabling the mass (42) to rotate, together with the transmission lever (21), in one rotation direction, so as to exert a balancing force, in the event of lateral impact, to balance the inertial forces tending to move the lever (21) into the work position, and to rotate freely with respect to the lever (21) in the opposite direction. <IMAGE>

IPC 8 full level (invention and additional information)

E05B 1/00 (2006.01); **B60J 5/04** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01)

CPC (invention and additional information)

E05B 77/06 (2013.01); **E05B 85/16** (2013.01)

Cited by

US2012139272A1; CN104100166A; US2014306486A1; US9033396B2; EP2053186A1

DOCDB simple family

EP 1050644 A2 20001108; EP 1050644 A3 20010321; EP 1050644 A9 20010502; EP 1050644 B1 20060215; DE 60025970 D1 20060420; DE 60025970 T2 20061102; ES 2258424 T3 20060901; IT 1309800 B1 20020130; IT TO990379 A1 20001107; IT TO990379 D0 19990507; JP 2001132282 A 20010515; JP 4629187 B2 20110209