

Title (en)

Crash detent in a vehicle door lock

Title (de)

Crashsperre an einem Türschloss eines Fahrzeugs

Title (fr)

Élément de blocage en cas de collision dans une serrure pour porte de véhicule automobile

Publication

EP 1010846 B1 20030423 (DE)

Application

EP 99124198 A 19991203

Priority

DE 19858414 A 19981217

Abstract (en)

[origin: EP1010846A1] The crash lock includes a locking lever support disc (8) which is rotatable about an axis (9) by a transfer element which is movable by a door handle into an unlocking position opening the door lock. A swivel axis (11) is formed at a radial distance from the rotary axis (9) so that with an initial rapid displacement of the door handle (3) or transfer element conditioned by an accident in the unlocking direction the locking element (12) which is loaded into a normal position by a spring (14) can automatically swivel about the swivel axis through the mass forces radially to the axis of the locking lever support and into the locking position.

IPC 1-7

E05B 65/20

IPC 8 full level

E05B 65/20 (2006.01); **E05B 77/06** (2014.01)

CPC (source: EP)

E05B 77/06 (2013.01)

Cited by

EP1253267A1; DE102006031226B4; EP1747336A4; EP2813653A3; DE102008062213A1; EP2133496A3; FR2871499A1; EP1605123A1; ITMI201112367A1; CZ300655B6; GB2604643B; US8408612B2; US9574381B2; US7303217B2; US9856675B2; WO2004042177A1; WO2013093092A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1010846 A1 20000621; **EP 1010846 B1 20030423**; DE 19858414 A1 20000621; DE 59905170 D1 20030528; ES 2193653 T3 20031101

DOCDB simple family (application)

EP 99124198 A 19991203; DE 19858414 A 19981217; DE 59905170 T 19991203; ES 99124198 T 19991203