

Title (en)

Actuating device, particularly for the safety lever of a vehicle door lock.

Title (de)

Betätigungsvorrichtung, insbesondere für den Sicherheitshebel eines Kraftwagentürschlosses.

Title (fr)

Dispositif d'actionnement, en particulier pour le levier de sécurité d'une serrure de portière de véhicule.

Publication

EP 0589423 A1 19940330 (EN)

Application

EP 93115209 A 19930921

Priority

IT TO920780 A 19920922

Abstract (en)

An actuating device (1), particularly for the safety lever (2) of a vehicle door lock (3), comprising a control member (11) connected to the safety lever (2) of the lock (3); an electric motor (13) for activating the control member (11); a gear transmission mechanism (14) comprising an input member (15) connected angularly to the shaft of the motor (13), and an output member (20); and a friction clutch device (30) interposed between the output member (20) of the gear mechanism (14) and the control member (11), and which provides for disengaging the control member (11) from the output member (20) upon the transmitted load exceeding a predetermined threshold value. <IMAGE> <IMAGE>

IPC 1-7

E05B 47/00

IPC 8 full level

E05B 65/12 (2006.01)

CPC (source: EP)

E05B 81/25 (2013.01)

Citation (search report)

- [A] EP 0320008 A2 19890614 - WINKHAUS FA AUGUST [DE], et al
- [A] EP 0482588 A1 19920429 - WINKHAUS FA AUGUST [DE], et al
- [ADP] EP 0524574 A1 19930127 - ROLTRA MORSE SPA [IT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 564 (E - 860) 19 September 1989 (1989-09-19)
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 006 (M - 1066) 8 January 1991 (1991-01-08)

Cited by

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Designated contracting state (EPC)

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