

Title (en)

DOOR OPENER WITH A LOCKING/RELEASE DEVICE FOR A PIVOTING CATCH OF THE DOOR OPENER

Title (de)

TÜRÖFFNER MIT EINER SPERR-/FREIGABEVORRICHTUNG FÜR EINE SCHWENKFALLE DES TÜRÖFFNERS

Title (fr)

OUVRE-PORTE AVEC UN DISPOSITIF DE BLOCAGE/DEBLOCAGE CONCU POUR LE LOQUET OSCILLANT DE L'OUVRE-PORTE

Publication

EP 1718824 B1 20110406 (DE)

Application

EP 04758925 A 20040915

Priority

- EP 2004010355 W 20040915
- DE 102004008348 A 20040222

Abstract (en)

[origin: WO2005080718A1] The invention relates to a locking/release device for a pivoting catch (5) for a door opener (15), comprising a locking lever (4) which locks or releases the pivoting catch (5), and a safety lever (1) which maintains the locking lever (4) in a locked position. The locking lever (4) can be pivoted in a releasing position with the aid of an electromagnet (3). The safety lever (1) is mounted in the centre point of the mass thereof. A safety lever (1) is thus required for the impact security of the door opener, the susceptibility to vibration and shaking can be reduced thus producing a compact arrangement. In a preferred embodiment, the safety lever (1) comprises two lever arms (6, 7). The electromagnet (3) interacts with the one lever arm (7) and a pressure spring (11) interacts with the other lever arm (6). The device can be built in any position.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

WO 2005080718 A1 20050901; AT E504709 T1 20110415; CA 2496159 A1 20050822; DE 102004008348 B3 20051020; DE 502004012388 D1 20110519; EP 1718824 A1 20061108; EP 1718824 B1 20110406; EP 1718824 B2 20131106; ES 2362186 T3 20110629; US 2006097525 A1 20060511; US 7562918 B2 20090721

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