

Title (en)

Foldable self-locking toe guard for elevator car

Title (de)

Faltbare selbsthemmende Fahrkorbschürze

Title (fr)

Chasse-pieds pliable auto-bloquant pour cabine d'ascenseur

Publication

**EP 1772414 B1 20090513 (DE)**

Application

**EP 06020283 A 20060927**

Priority

DE 102005047498 A 20051004

Abstract (en)

[origin: EP1772414A1] Safety system comprises devices (12, 13b, 13c) for locking folding skirt elements (10, 11) in a protecting position so that they pivot by forces on the skirt elements acting toward the shaft and in the horizontal direction. Preferred Features: One locking device for steering the folding movement of the skirt elements is structured so that it acts simultaneously as a guiding and locking device in the protecting position whilst it locks the skirt elements in the protecting position against a common pivoting movement in the direction of the shaft.

IPC 8 full level

**B66B 13/28** (2006.01)

CPC (source: EP)

**B66B 13/285** (2013.01)

Cited by

CN102701057A; CN109019266A; CN110316638A; EP2694418A4; CN102367139A; ITBO20130330A1; US11136222B2; US11161716B2; US11702320B2; WO2013054321A1; WO2021063608A1; WO2012137032A1; US9428365B2; US10005645B2; US11235952B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1772414 A1 20070411; EP 1772414 B1 20090513; EP 1772414 B9 20091223**; AT E431314 T1 20090515; CN 1982195 A 20070620; CN 1982195 B 20100512; DE 102005047498 B3 20070419; DE 202006016013 U1 20070125; DE 502006003702 D1 20090625; ES 2332466 T3 20100205; RU 2006134255 A 20080410; RU 2380311 C2 20100127

DOCDB simple family (application)

**EP 06020283 A 20060927**; AT 06020283 T 20060927; CN 200610141689 A 20061008; DE 102005047498 A 20051004; DE 202006016013 U 20060927; DE 502006003702 T 20060927; ES 06020283 T 20060927; RU 2006134255 A 20060927