

Title (en)

FALL-PREVENTION DEVICE FOR MOTOR-DRIVEN RACK AND PINION ELEVATOR

Title (de)

ABSTURZSICHERUNG FÜR MOTORGETRIEBENE ZAHNSTANGENAUFZÜGE

Title (fr)

DISPOSITIF ANTI-CHUTE POUR ÉLÉVATEUR MOTORISÉ À ENTRAÎNEMENT PIGNON-CRÉMAILLÈRE

Publication

**EP 3898482 B1 20220824 (FR)**

Application

**EP 19824316 A 20191218**

Priority

- FR 1873852 A 20181221
- EP 2019086069 W 20191218

Abstract (en)

[origin: WO2020127567A1] The invention concerns a fall-prevention device for an elevator capable of being moved along a rack of an elevator mast, the fall-prevention device being characterised in that it comprises a frame (30), a lever (31), a roller (32) pivotally connected with the lever and attached to a first end of the lever, the roller being capable of rolling on a smooth side of the rack, a stop (33) attached to a second end of the lever, the stop comprising a toothed portion (334) capable of cooperating with a toothed face (221) of the rack and being connected to the frame by means of a compression spring (330), and at least one damper (34) arranged on a top portion of the fall-prevention device, the fall-prevention device being moreover characterised in that it is slidingly connected with the elevator.

IPC 8 full level

**B66B 5/26** (2006.01)

CPC (source: EP)

**B66B 5/26** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2020127567 A1 20200625**; AU 2019410026 A1 20210812; EP 3898482 A1 20211027; EP 3898482 B1 20220824; ES 2930345 T3 20221212; FR 3090610 A1 20200626; FR 3090610 B1 20210813; PL 3898482 T3 20230213; PT 3898482 T 20221125

DOCDB simple family (application)

**EP 2019086069 W 20191218**; AU 2019410026 A 20191218; EP 19824316 A 20191218; ES 19824316 T 20191218; FR 1873852 A 20181221; PL 19824316 T 20191218; PT 19824316 T 20191218