

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 A1 20211027 (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

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CPC (source: EP)

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Citation (search report)

See references of WO 2020127567A1

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