

Title (en)

Safety brake for a lift or the like

Title (de)

Fangvorrichtung für Aufzüge oder ähnliches

Title (fr)

Dispositif d'arrêt de sécurité pour monte-charge ou similaire

Publication

EP 0385180 B1 19960911 (FR)

Application

EP 90102841 A 19900214

Priority

IT 8553789 A 19890302

Abstract (en)

[origin: EP0385180A2] The safety locking mechanism for a lift or similar machine comprises a rotary drum (1) which is attached to the pinion of the rack and pinion drive mechanism and mounted on a plate. A roller (8) on the end of a lever (6) pivoted to the plate is held against the surface of the drum, which is equipped with cams (2,3) projecting from its surface. If the drum speed exceeds a set level the roller and lever are pushed away from the drum's surface, and a claw (6') connected to the lever engages with a projection (4,5) on the drum, locking the drum and pinion, so that the lift comes to a stop.

IPC 1-7

B66B 5/04; B66D 5/04; B66D 5/14; F16D 59/00

IPC 8 full level

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CPC (source: EP)

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Cited by

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