

Title (en)
SAFETY BRAKE FOR A LIFT OR THE LIKE

Publication
EP 0385180 A3 19920520 (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

IPC 8 full level
B66B 5/04 (2006.01)

CPC (source: EP)
B66B 5/044 (2013.01)

Citation (search report)

- [X] GB 1118399 A 19680703 - ALIMAK VERKEN AKTIEBOLAG
- [A] US 3934682 A 19760127 - HEDSTROM TURE E
- [A] CH 556464 A 19741129 - FRANZI FRANCO
- [XP] EP 0338613 A2 19891025 - ALIMAK AB [SE]

Cited by
ITVI20100332A1; EP0529323A1; US5202539A; WO2016184681A1

Designated contracting state (EPC)
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