

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)

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- [A] US 3934682 A 19760127 - HEDSTROM TURE E
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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0385180 A2 19900905; EP 0385180 A3 19920520; EP 0385180 B1 19960911;** AT E142598 T1 19960915; DE 69028422 D1 19961017; DE 69028422 T2 19970403; IT 1233815 B 19920417; IT 8985537 A0 19890302

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