

Title (en)
BRAKING DEVICE FOR LIFTS

Publication
EP 0099352 B1 19870909 (DE)

Application
EP 83890114 A 19830706

Priority
AT 261482 A 19820706

Abstract (en)
[origin: ES8407453A1] A plate is attached to a rail which moves vertically in a housing. The housing includes a brake which rubs on one side of the rail on the other side, there is a roller. A leaf spring is positioned between the housing and the roller. When the rail moves vertically in one direction, the roller is pushed progressively harder against the rail. This squeezes the rail against the brake, creating a braking force on the rail that increases, to maximum, in relation to distance the rail moves. This arrangement may be used as a buffer for an elevator cab or counterweight in an elevator.

IPC 1-7
B66B 5/28

IPC 8 full level
B66B 5/22 (2006.01); **B66B 5/28** (2006.01)

CPC (source: EP US)
B66B 5/22 (2013.01 - EP US); **B66B 5/28** (2013.01 - EP US)

Cited by
EP0562931A1; FR2689113A1; WO9925634A1

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BE CH DE FR IT LI NL

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EP 0099352 A2 19840125; EP 0099352 A3 19850515; EP 0099352 B1 19870909; AT 374767 B 19840525; AT A261482 A 19831015; AU 1652483 A 19840112; AU 553011 B2 19860626; BR 8303596 A 19840214; CA 1197793 A 19851210; DE 3373458 D1 19871015; ES 8407453 A1 19840616; FI 73652 B 19870731; FI 73652 C 19871109; FI 832470 A0 19830705; FI 832470 L 19840107; GB 2124175 A 19840215; GB 2124175 B 19850724; GB 8318178 D0 19830803; IN 159861 B 19870613; JP H0338189 B2 19910607; JP S5936081 A 19840228; US 4512444 A 19850423; ZA 834850 B 19840425

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