

Title (en)
Safety braking device for an elevator

Title (de)
Sicherheitsbremsfangvorrichtung für einen Aufzug

Title (fr)
Dispositif de freinage d'urgence pour un ascenseur

Publication
EP 0957059 A3 20001220 (EN)

Application
EP 99500075 A 19990511

Priority
ES 9800998 A 19980513

Abstract (en)
[origin: EP0957059A2] The cabin braking device (1) is the caliper type (3), which straddles the rail (21) and has its housing (20) secured to the cabin. It is operated by a lever (10) in both the upward and downward direction in the event of overspeed, and it is provided with a mechanism (5,11,12,13) for operating the caliper (3), a pivoting wedge (6) moved by roller (5) in one direction or the other, and roller (5) travel stops (3a) and springs (9) to adjust the braking force in either direction independently. The braking device components form a single and indivisible active part (2) in the housing (20), which moves (22) in relation to the latter. <IMAGE>

IPC 1-7
B66B 5/22

IPC 8 full level
B66B 5/22 (2006.01)

CPC (source: EP)
B66B 5/22 (2013.01)

Citation (search report)

- [XY] EP 0432634 A2 19910619 - KONE ELEVATOR GMBH [CH]
- [YA] JP S62205983 A 19870910 - HITACHI LTD
- [YA] US 4078634 A 19780314 - THOMAS WILLIAM J
- [YA] EP 0543337 A2 19930526 - KONE ELEVATOR GMBH [CH]
- [A] JP S5116548 A 19760209 - DAIFUKU MACHINERY WORKS

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