

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 A2 19991117 (EN)

Application

EP 99500075 A 19990511

Priority

ES 9800998 A 19980513

Abstract (en)

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)

Cited by

EP1283189A1; CN105883523A; EP1557390A1; CN102092617A; US6997287B2; CN105947832A; AU785130B2; US11325810B2; CN108382947A; EP3702310A1; CN111620216A; US6823969B2; US11235949B2; WO0189973A1

Designated contracting state (EPC)

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