

Title (en)  
Elevator brake and safety.

Title (de)  
Sicherheitsbremse für Aufzüge.

Title (fr)  
Frein de sécurité pour ascenseur.

Publication  
**EP 0183616 A2 19860604 (EN)**

Application  
**EP 85402282 A 19851122**

Priority  
FR 8417901 A 19841123

Abstract (en)  
Two hydraulically controlled brakes (32) are attached to an elevator car (10) and each engages a guide rail (18). Each brake (32) is applied by a spring (40). The spring is compressed to release the brake, by actuating hydraulic cylinders (31a) through an electromechanically operated master cylinder (31) that responds to a signal from the motor control (16). An electromechanical release valve (52) is operated by a governor (22), when an overspeed condition exists to quickly release the pressure in the cylinders, applying the brake.

IPC 1-7  
**B66B 5/18**

IPC 8 full level  
**B66B 5/18** (2006.01); **B66B 5/16** (2006.01)

CPC (source: EP)  
**B66B 5/16** (2013.01)

Cited by  
CN105398907A; GB2349865A; CN107954292A; EP1748017A4; EP1067084A1; US6318505B1; US5377788A; CN111532939A; EP0651724A4; CN109095308A; US6981575B2; EP2033923A3; EP2181061A4; CN104495584A; CN110143505A; US9688510B2; US6193026B1; US8210319B2; WO2010131969A1; WO2014021896A1; US9051157B2; US9206016B2

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