Title (en)
ELEVATOR BRAKE AND SAFETY

Publication
EP 0183616 A3 19871111 (EN)

Application
EP 85402282 A 19851122

Priority
FR 8417901 A 19841123

Abstract (en)
[origin: EP0183616A2] 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 govenor (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)

Citation (search report)
- [X] GB 345035 A 19310319 - ASS ELECT IND
- [X] US 2925151 A 19600216 - CHANDLER CLIFFORD E
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- [A] GB 377059 A 19320721 - WESTINGHOUSE ELECTRIC & MFG CO
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CN109095308A; US6981575B2; EP2033923A3; EP2181061A4; CN104495584A; CN110143505A; US9688510B2; US6193026B1; US8210319B2;
WO2010131969A1; WO2014021896A1; US9051157B2; US9206016B2

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EP 0183616 A2 19860604; **EP 0183616 A3 19871111**; AU 5196586 A 19860618; AU 568036 B2 19871210; CA 1262875 A 19891114;
CN 1007613 B 19900418; CN 85109248 A 19860702; FR 2573741 A1 19860530; FR 2573741 B3 19870320; JP S62500864 A 19870409;
WO 8603184 A1 19860605

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JP 50536285 A 19851118; US 8502259 W 19851118