

Title (en)
AUTOMATIC BRAKING SYSTEM OF A LIFT CAGE

Title (de)
AUTOMATISCHES BREMSYSTEM EINER AUFZUGSKABINE

Title (fr)
SYSTEME DE FREINAGE AUTOMATIQUE D'UNE CABINE D'ASCENSEUR

Publication
EP 1175367 A1 20020130 (FR)

Application
EP 00925371 A 20000503

Priority

- FR 0001180 W 20000503
- FR 9905890 A 19990504

Abstract (en)
[origin: US6202795B1] An automatic Braking system for an elevator car (10) is designed to stop it when it reaches or exceeds a speed limit of movement within an elevator shaft. A stop mechanism (40) is mounted on car (10), or a part thereof, so as to lock a stop pulley (41) which then moves relative to the car in a direction substantially parallel to the direction of the car (10) movement. A control mechanism (11) reacts to responsive to the stop pulley (41) movement to apply the brakes (12, 13).

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B66B 5/04

IPC 8 full level
B66B 5/04 (2006.01)

CPC (source: EP US)
B66B 5/04 (2013.01 - EP US); **B66B 5/18** (2013.01 - EP)

Citation (search report)
See references of WO 0066475A1

Cited by
CN102134030A; CN105712148A

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US 6202795 B1 20010320; AT E245120 T1 20030815; CZ 20013905 A3 20030416; CZ 295395 B6 20050713; DE 60003910 D1 20030821; DE 60003910 T2 20040527; EP 1175367 A1 20020130; EP 1175367 B1 20030716; ES 2199824 T3 20040301; FR 2793230 A1 20001110; FR 2793230 B1 20010706; PL 351430 A1 20030422; PT 1175367 E 20031031; WO 0066475 A1 20001109

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US 34461699 A 19990625; AT 00925371 T 20000503; CZ 20013905 A 20000503; DE 60003910 T 20000503; EP 00925371 A 20000503; ES 00925371 T 20000503; FR 0001180 W 20000503; FR 9905890 A 19990504; PL 35143000 A 20000503; PT 00925371 T 20000503