

Title (en)
BRAKE SYSTEM FOR ELEVATOR

Title (de)
BREMSSYSTEM FÜR AUFZUG

Title (fr)
SYSTEME DE FREINAGE POUR ASCENSEUR

Publication
EP 1568643 A4 20100901 (EN)

Application
EP 02788718 A 20021204

Priority
JP 0212707 W 20021204

Abstract (en)
[origin: EP1568643A1] A braking device for an elevator comprises a shoe-housing mechanism (10) which has a shoe-pressing surface (15) of which the upper part narrows towards the guiderail (3), and is fixed to the car frame (2). The shoe-housing mechanism (10) has a braking surface (12a) facing the guiderail (3) and a rear surface (12b) facing the shoe-pressing surface (15), and on the braking surface (12a), a first shoe (12) on which a housing groove (17) which has a bottom surface (18) of which the lower part narrows towards the guiderail (3), is housed. In the housing groove (17), a second shoe (13) having a braking surface (13a) facing the guiderail (3) and a rear surface (13b) facing the bottom surface (18), is housed. Also, the first shoe (12) and the second shoe (13) are activated respectively to brake in cases where the car (1) accelerates abnormally upward/downward by a lever (5) which operates simultaneously with a governor rope (4) via a pin (6). <IMAGE>

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B66B 5/22; **B66B 5/04**

IPC 8 full level
B66B 5/04 (2006.01); **B66B 5/22** (2006.01)

CPC (source: EP KR)
B66B 5/04 (2013.01 - KR); **B66B 5/22** (2013.01 - EP KR)

Citation (search report)
• [A] DE 29614516 U1 19980102 - HAUSHAHN C GMBH CO [DE]
• See references of WO 2004050525A1

Cited by
CN109279474A; EP1942071A3; US11649139B2; US11235949B2; US8869946B2; EP3604196A1

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DE

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