

Title (en)

Safety braking device with braking force adjusted according to the deceleration of the elevator

Title (de)

Fangvorrichtung mit verzögerungsabhängiger Bremskraft für Aufzug

Title (fr)

Dispositif d'arrêt d'urgence dont la force de freinage est fonction de la décélération de l'ascenseur

Publication

EP 1213248 B1 20061004 (DE)

Application

EP 01128706 A 20011203

Priority

- EP 01128706 A 20011203
- EP 00811166 A 20001208

Abstract (en)

[origin: US2002117357A1] A safety brake for braking a load receiving portion of an elevator has at least one brake wedge that penetrates a gap between a resiliently supported pressure body and a guide rail for the load receiving portion of the elevator and thereby generates a braking force. A stroke limiting device limits the penetration stroke of the brake wedge and controls the braking force in dependence on the retardation value of the load receiving portion of the elevator.

IPC 8 full level

B66B 1/26 (2006.01); **B66B 5/22** (2006.01); **F16D 59/02** (2006.01)

CPC (source: EP US)

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Cited by

CN102674108A; CN110436305A; US2022259009A1; US11866299B2; US11059698B2

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US 2002117357 A1 20020829; US 6719101 B2 20040413; AT E341518 T1 20061015; AU 782388 B2 20050721; AU 9714001 A 20020613; CA 2364515 A1 20020608; CA 2364515 C 20100216; CN 1176000 C 20041117; CN 1357488 A 20020710; DE 50111140 D1 20061116; DK 1213248 T3 20070129; EP 1213248 A1 20020612; EP 1213248 B1 20061004; ES 2272398 T3 20070501; HK 1046893 A1 20030130; JP 2002220173 A 20020806; JP 4263395 B2 20090513; MY 126070 A 20060929; NZ 515768 A 20030429; PT 1213248 E 20070131; SG 91945 A1 20021015; TW 513374 B 20021211

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