

Title (en)

COMBINED ELEVATOR GUIDING AND SAFETY BRAKING DEVICE

Title (de)

KOMBINIERTE AUFZUGSFÜHRUNGS- UND SICHERHEITSBREMSVORRICHTUNG

Title (fr)

DISPOSITIF COMBINE DE GUIDAGE ET DE FREINAGE DE SECURITE D'ASCENSEUR

Publication

EP 1549582 A4 20110420 (EN)

Application

EP 02778488 A 20021009

Priority

US 0232250 W 20021009

Abstract (en)

[origin: WO2004033353A1] A combined elevator guiding and braking device (30) includes movable members (34) positioned symmetrically about opposite sides of guide rail (24). Guide members (40) are supported on the movable members (34) for following along the guide rail (24) under normal elevator system operation. When a safety braking function is required, braking members (44) engage the surfaces on the guide rail (24) when the movable members (34) move into a second operating position to achieve the braking function. The inventive arrangement integrates the car guiding and safety braking functions into a single device.

IPC 1-7

B66B 5/12; B66B 7/04; B66B 5/18

IPC 8 full level

B66B 5/12 (2006.01); **B66B 5/18** (2006.01); **B66B 5/20** (2006.01); **B66B 7/04** (2006.01)

CPC (source: EP)

B66B 5/18 (2013.01); **B66B 7/046** (2013.01)

Citation (search report)

- [A] GB 400157 A 19331019 - WESTINGHOUSE ELECTRIC & MFG CO
- See references of WO 2004033353A1

Cited by

US11834300B2

Designated contracting state (EPC)

DE ES

DOCDB simple family (publication)

WO 2004033353 A1 20040422; AU 2002340144 A1 20040504; CN 100457593 C 20090204; CN 1684896 A 20051019; EP 1549582 A1 20050706; EP 1549582 A4 20110420; EP 1549582 B1 20121003; ES 2395817 T3 20130215; HK 1082721 A1 20060616; JP 2006502065 A 20060119; JP 4152952 B2 20080917

DOCDB simple family (application)

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