

Title (en)

ELEVATOR SAFETY BRAKE, ELEVATOR AND METHOD FOR TESTING ELEVATOR SAFETY BRAKES

Title (de)

AUFZUGSSICHERHEITSBREMSE, AUFZUG UND VERFAHREN ZUM PRÜFEN VON AUFZUGSSICHERHEITSBREMSEN

Title (fr)

FREIN DE SÉCURITÉ D'ASCENSEUR, ASCENSEUR ET PROCÉDÉ POUR TESTER DES FREINS DE SÉCURITÉ D'ASCENSEUR

Publication

EP 3689804 A1 20200805 (EN)

Application

EP 19155229 A 20190204

Priority

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Abstract (en)

The invention relates to an elevator safety brake unit (10b), an elevator comprising at least two safety brake units mentioned above, and a method for testing said safety brake units. Each safety brake unit comprises a frame part (11), a movable composition movably supported on said frame part, a compression spring assembly associated with said movable composition, and adapted to activate a braking by pushing said movable composition forward, and a coil assembly (16) of an electromagnet disposed in said frame part and adapted to deactivate the braking by pulling said movable composition backwards. Each movable composition comprises at least two movable elements (12), one compression spring (17) for each movable element, and at least one coil assembly (16) adapted to deactivate the braking by pulling said at least two movable elements backwards.

IPC 8 full level

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CPC (source: EP)

B66B 5/0037 (2013.01); **B66D 5/08** (2013.01); **B66D 5/14** (2013.01); **B66D 5/30** (2013.01)

Citation (applicant)

- EP 1701904 B1 20111130 - KONE CORP [FI]
- FI 2018050596 W 20180822
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Citation (search report)

- [XAYI] JP 6271956 B2 20180131
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- [YA] WO 2007094777 A2 20070823 - OTIS ELEVATOR CO [US], et al
- [A] DE 2730168 A1 19790125 - MAYR MASCHF KG CHR

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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