Title (en)

ELEVATOR BRAKE

Title (de)

AUFZUGBREMSE

Title (fr)

FREIN D'ASCENSEUR

Publication

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Application

EP 15763852 A 20150903

Priority

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Abstract (en)

[origin: WO2016045932A1] The invention relates to an elevator brake (20) for braking and holding an elevator car (2) in an elevator installation (1), a corresponding elevator installation, and a method for returning and subsequently holding an elevator brake in a stand-by position. The elevator brake contains a first actuation device (25) for actuating a first brake lining (22). Said first actuation device (25) comprises an electromagnetic holding or catch device (36) which can hold an energy store (32), in the form of a spring accumulator, in the loaded state and release it when required. Said electromagnetic holding or catch device (36) contains a plurality of electromagnets (38, 38a-38h) which can act directly or indirectly on said energy store (32) by means of a lever transmission (L1/L2). Said electromagnetic holding or catch device (36) alternatively, or additionally, comprises a traction means (43) which can hold the first brake lining (22) in its tensioned stand-by position. The traction means is looped around a bollard or capstan (44), and it can be held, by means of a free end of said traction means (43), by at least one electromagnet (38, 38a-38h).

IPC 8 full level

B66B 1/32 (2006.01); **B66B 5/18** (2006.01)

CPC (source: EP US)

B66B 1/32 (2013.01 - EP US); **B66B 5/18** (2013.01 - EP US); B66B 9/00 (2013.01 - US)

Citation (search report)

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