

Title (en)
BRAKING DEVICE FOR A CAR OF A LIFT SYSTEM

Title (de)
BREMSEINRICHTUNG FÜR EINEN FAHRKORB EINES AUFZUGSYSTEMS

Title (fr)
DISPOSITIF DE FREINAGE POUR UNE CABINE D'UN SYSTÈME D'ASCENSEUR

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Application
EP 17701060 A 20170111

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Abstract (en)
[origin: WO2017125293A1] The invention relates to a braking device (14) for a car (200) of a lift system (100), wherein the braking device (14) comprises a first brake pad (16) and a second brake pad (18), which are arranged opposite one another and accommodate the guide rail (110) between them and deploy a braking effect via a frictional connection when they engage with the guide rail (110). For this purpose, the first brake pad (16) is wedge-shaped and tapers in the direction of a wedge direction (20), wherein the front side of the brake pad facing the guide rail (110) is oriented in parallel to the guide rail (110) and the opposing rear side is inclined according to the wedge shape. In addition, the braking device (14) comprises a brake pad receiving means (22) having a contact surface (24) with an inclination corresponding to the wedge-shaped brake pad (16), on which the rear side of the wedge-shaped brake pad (16) rests in a sliding manner. Furthermore, the braking device (14) has a locking device (36) with a first position and a second position, wherein the locking device (36) releases a sliding movement of the wedge-shaped first brake pad (16) against the wedge direction (20) in the first position, and blocks the sliding movement of the wedge-shaped brake pad (16) against the wedge direction (20) in the second position.

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