Title (en)

LIFT WITH A SAFETY BRAKE

Title (de)

AUFZUG MIT EINER SICHERHEITSBREMSE

Title (fr)

ASCENSEUR AVEC FREIN DE SÉCURITÉ

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Application

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Abstract (en)

[origin: WO2014075954A1] The invention relates to a lift (10) with a cab (11) guided on guide rails (12) and with a safety brake (1) which is arranged on the cab (11) and is designed to exert a braking force onto the guide rails (12) if a safety criterion is not met. The safety brake (1) comprises: a brake housing (2) having: a wedge-shaped opening in which at least a part of a guide rail (12) can be introduced; a brake body (3) that can be introduced in the wedge-shaped opening between a surface of the brake housing (2) delimiting the wedge-shaped opening and a guide surface of the guide rail (12); an activation mechanism (4) by means of which an activation force can be transmitted onto the brake body (3) and via which the brake body (3) can be pressed onto the delimiting surface and the guide surface; and a release mechanism (5) that is indirectly or directly connected to the brake body (3) and holds the brake body (3) in a rest position against the activation force. The invention is characterized in that the release mechanism (5) has at least one articulated arm (6) which can be brought into an extended position and a bent position. In the extended position, the articulated arm (6) holds the brake body (3) in the rest position, and in the bent position it releases the activation force for transmission to the brake body (3).

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