

Title (en)  
BRAKE SYSTEM FOR AN ELEVATOR

Title (de)  
BREMSSYSTEM FÜR EINEN AUFZUG

Title (fr)  
SYSTÈME DE FREINAGE POUR ASCENSEUR

Publication  
**EP 4313831 A1 20240207 (DE)**

Application  
**EP 22710095 A 20220304**

Priority  
• EP 21166445 A 20210331  
• EP 2022055520 W 20220304

Abstract (en)  
[origin: WO2022207232A1] Brake system for an elevator system, comprising a first brake circuit, a second brake circuit and a control unit, wherein the first and the second brake circuit each comprise a brake and each brake comprises an actuator and a main spring unit, wherein the actuator is preloaded with the force required for applying the braking force by the main spring unit in the closing direction of the brake, and the actuator, in a manner activated by a control signal from the control unit, compensates for the force of the main spring unit and in this way releases the brake, characterized in that, when only one of the two control signals is activated, the control unit chooses between activation of the first control signal and activation of the second such that the ratio of the number of activation operations of the first brake circuit and the number of activation operations of the second brake circuit aims to achieve a defined ratio.

IPC 8 full level  
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