

Title (en)

ELECTROMAGNETIC BRAKE DEVICE FOR ELEVATOR

Title (de)

ELEKTROMAGNETISCHE BREMSVORRICHTUNG FÜR EINEN AUFZUG

Title (fr)

DISPOSITIF DE FREIN ÉLECTROMAGNÉTIQUE POUR ASCENSEUR

Publication

EP 2657173 B1 20200325 (EN)

Application

EP 10861051 A 20101224

Priority

JP 2010073353 W 20101224

Abstract (en)

[origin: EP2657173A1] Provided is an electromagnetic brake device for an elevator which can substantially reduce the noise generated when a braking piece collides with a rotary body. This electromagnetic brake device 10 includes a movable piece 21 which is provided with a braking piece 16, a movable piece 19 disposed on the side opposite to the braking piece 16 with respect to the movable piece 21, an elastic body 22 provided between the movable pieces 21 and 19, and a spring 20 which pushes the movable piece 19 to the movable piece 21 side with a prescribed pushing force stronger than the pushing force of the elastic body 22. An electromagnet attracts the movable piece 19 against the pushing force of the spring 20, and causes the movable piece 19 to attract the movable piece 21 against the pushing force of the elastic body 22.

IPC 8 full level

B66D 5/14 (2006.01); **B66D 5/30** (2006.01)

CPC (source: EP KR)

B66B 11/08 (2013.01 - KR); **B66D 5/14** (2013.01 - EP); **B66D 5/30** (2013.01 - EP)

Cited by

EP3712025A1; CN111717829A; US12078218B2

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DOCDB simple family (publication)

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