

Title (en)  
ELEVATOR HOIST

Title (de)  
AUFZUGSSEIL

Title (fr)  
ASCENSEUR

Publication  
**EP 2138441 A1 20091230 (EN)**

Application  
**EP 08740020 A 20080408**

Priority  
• JP 2008056917 W 20080408  
• JP 2007102315 A 20070410

Abstract (en)  
An elevator hoist, with the adoption of which the area occupied by an elevator is reduced and which enables access to a brake and an encoder or the like from the elevator car side to facilitate maintenance of the brake. The elevator hoist has a sheave (5) around which a rope (6) connected to the elevator car is wrapped, a rotor (2) for driving the sheave, a stator housing (36) in which stator coils (21) are arranged so as to face a permanent magnet (9) arranged in a circular ring shape in the rotor (2), and a brake shoe (11) for braking the rotor (2). The sheave (5) is placed so as to face a hoistway wall, the rotor (2) has a depression on the sheave side, and the brake shoe (11) is placed in the depression. The rotor (2) has a rotor hole (4) opened to a size greater than a cross section of the brake shoe (11). The stator housing (36) has a stator hole (3) opened to a size greater than the cross section of the brake shoe (11).

IPC 8 full level  
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CPC (source: EP)  
**B66B 11/0035** (2013.01); **B66B 11/0045** (2013.01); **B66B 11/008** (2013.01); **B66B 11/0438** (2013.01); **B66D 5/08** (2013.01); **B66D 5/30** (2013.01)

Cited by  
EP3210925A1; US10442659B2

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DOCDB simple family (publication)  
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