

Title (en)  
HOIST FOR ELEVATOR

Title (de)  
HEBEZEUG FÜR AUFZUG

Title (fr)  
APPAREIL DE LEVAGE POUR ASCENSEUR

Publication  
**EP 1886962 A1 20080213 (EN)**

Application  
**EP 05743474 A 20050530**

Priority  
JP 2005009850 W 20050530

Abstract (en)  
An object is to provide a traction machine for elevators in that, despite motor's heat generation, heat distortion of a housing base is small. To achieve the object, the machine comprises: the base having a tubularly formed cylindrical section, and a bottom section provided closing over one side of the cylindrical section; stator windings for a motor, the windings provided on the cylindrical section; a rotor for the motor, the rotor supported rotatably in the axial center of the base; a brake member disposed on the rotor; and a brake disposed on the base that correspondingly operates to brake on the brake member. At least one part of the bottom section is formed into a curved surface, in which the bottom section is formed with the curved surface protruding toward the rotor's mounted side. Thereby, high membrane stiffness of the bottom section is assured, and heat distortion of the base becomes small.

IPC 8 full level  
**B66B 11/08** (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP KR)  
**B66B 11/04** (2013.01 - KR); **B66B 11/043** (2013.01 - EP); **B66B 11/0438** (2013.01 - EP); **B66B 11/08** (2013.01 - KR); **B66D 5/14** (2013.01 - EP)

Cited by  
EP3659955A1; EP3385209A1; US10081518B2; WO2014193726A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1886962 A1 20080213**; **EP 1886962 A4 20120711**; **EP 1886962 B1 20150422**; CN 1984833 A 20070620; CN 1984833 B 20120425; JP 4925104 B2 20120425; JP WO2006129338 A1 20081225; KR 100932587 B1 20091217; KR 20070065344 A 20070622; WO 2006129338 A1 20061207

DOCDB simple family (application)  
**EP 05743474 A 20050530**; CN 200580023376 A 20050530; JP 2005009850 W 20050530; JP 2006520513 A 20050530; KR 20077007097 A 20050530