Title (en)

THIN HOIST FOR ELEVATOR

Title (de)

DÜNNES HEBEZEUG FÜR AUFZUG

Title (fr)

TREUIL DE FAIBLE EPAISSEUR POUR ASCENSEUR

Publication

EP 1657207 A1 20060517 (EN)

Application

EP 03818283 A 20030821

Priority

JP 0310553 W 20030821

Abstract (en)

There is provided a low-profile traction machine for an elevator, in which the number of component parts is reduced, and the thickness in the width direction is decreased, by which smaller thickness and lighter weight are achieved, the degree of freedom of installation location is improved, and the area of shaft in a horizontal cross section is decreased. The traction machine includes a basic body (202); a main shaft (217) provided on the basic body; a rotating body (219) supported on the main shaft; a drive sheave (220) formed on the rotating body; a stator (218) provided on the basic body; an armature (221) which is arranged at the outer periphery of the rotating body so as to be opposed to the stator and forms a motor together with the stator; a braking surface (291) formed on the rotating body having a diameter larger than the external shape of the drive sheave; and a brake (222) which is arranged so as to be opposed to the braking surface and is operated by being pressed on the braking surface. A bottom face (204) of the basic body, which is connected to a bearing support part (205) for supporting the main shaft of the rotating body, and the drive sheave are arranged close to each other, and the main shaft of the rotating body is supported by the bearing support part of the basic body in a cantilever form.

IPC 1-7

B66B 11/08

IPC 8 full level

B66B 11/04 (2006.01); **B66B 11/08** (2006.01); **B66D 1/12** (2006.01); **B66D 5/08** (2006.01); **B66D 5/30** (2006.01)

CPC (source: EP)

B66B 11/0438 (2013.01); **B66D 1/12** (2013.01); **B66D 5/08** (2013.01); **B66D 5/30** (2013.01)

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DE ES FR PT

DOCDB simple family (publication)

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DOCDB simple family (application)

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