

Title (en)
HOIST OF ELEVATOR

Title (de)
WINDE FÜR AUFZUG

Title (fr)
TREUIL D'ASCENSEUR

Publication
EP 1845052 A4 20121121 (EN)

Application
EP 05709745 A 20050204

Priority
JP 2005001679 W 20050204

Abstract (en)
[origin: EP1845052A1] In a hoisting machine for an elevator, a support body has an annular frame portion. A rotary body rotatable about a central axis of the frame portion is supported by the frame portion. The rotary body has a sheave portion provided radially outward of the frame portion so as to surround the frame portion, an annular rotor portion provided radially inward of the frame portion, and a gap bridge portion for fixing the sheave portion and the rotor portion to each other while bypassing the frame portion. A main rope is looped around an outer peripheral portion of the sheave portion. A motor for rotating the rotary body with respect to the frame portion is disposed radially inward of the sheave portion.

IPC 8 full level
B66B 11/08 (2006.01); **B66B 11/04** (2006.01); **B66D 5/14** (2006.01); **B66D 5/30** (2006.01)

CPC (source: EP)
B66B 11/0438 (2013.01); **B66D 5/14** (2013.01); **B66D 5/30** (2013.01)

Citation (search report)

- [E] EP 1719731 A1 20061108 - MITSUBISHI ELECTRIC CORP [JP]
- [XI] US 5018603 A 19910528 - ITO HIROYASU [JP]
- [A] DE 2140181 A1 19720330
- [A] US 5435209 A 19950725 - WITTUR HORST [DE]
- See references of WO 2006082646A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1845052 A1 20071017; **EP 1845052 A4 20121121**; **EP 1845052 B1 20140402**; CN 100526192 C 20090812; CN 1942388 A 20070404; JP 4855384 B2 20120118; JP WO2006082646 A1 20080626; WO 2006082646 A1 20060810

DOCDB simple family (application)
EP 05709745 A 20050204; CN 200580012025 A 20050204; JP 2005001679 W 20050204; JP 2007501481 A 20050204