

Title (en)
TRACTION SHEAVE ELEVATOR WITHOUT COUNTERWEIGHT

Title (de)
ANTRIEBSSCHEIBENAUFZUG OHNE GEGENGEWICHT

Title (fr)
ASCENSEUR A POULIE DE TRACTION SANS CONTREPOIDS

Publication
EP 1567442 B1 20070822 (EN)

Application
EP 03758181 A 20031031

Priority
• FI 0300809 W 20031031
• FI 20021959 A 20021104
• FI 0300713 W 20031001

Abstract (en)
[origin: WO2004041700A1] An elevator, without counterweight and preferably an elevator without machine room, in which the hoisting machine (10) engages the hoisting ropes (3) by means of a traction sheave (1), the elevator car (1) being at least partially supported by the hoisting ropes serving as a means of moving the elevator car (1). The elevator car is suspended on the hoisting ropes (3) by means of at least one diverting pulley (13, 14) from whose both sides and at least one diverting pulley (7, 5) from whose rim the hoisting ropes go downwards from both sides of the diverting pulley, and in which elevator the guide rails are arranged on one side of the elevator car.

IPC 8 full level
B66B 11/00 (2006.01); **B66B 7/10** (2006.01)

CPC (source: EP US)
B66B 7/10 (2013.01 - EP US); **B66B 11/007** (2013.01 - EP); **B66B 11/008** (2013.01 - EP); **B66B 19/007** (2013.01 - EP)

Cited by
EP1631516A4; EP1631518A4; US8556041B2; US9446931B2

Designated contracting state (EPC)
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Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
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