

Title (en)
ELEVATOR

Title (de)
AUFZUG

Title (fr)
ASCENSEUR

Publication
EP 1511683 A1 20050309 (EN)

Application
EP 03722650 A 20030508

Priority
• FI 0300359 W 20030508
• FI 0200500 W 20020607

Abstract (en)
[origin: WO03104128A1] In an elevator, preferably one without machine room, a hoisting machine (6) engages a set of hoisting ropes (3) via a traction sheave, said set of hoisting ropes having a load-bearing part twisted from steel wires of circular and/or non-circular crosssection, and in which elevator there is diverting pulleys (9, 4) of which some is made larger than traction sheave. The weight of the hoisting machine of the elevator is at most about 1/5 of the weight of the nominal load of the elevator.

IPC 1-7
B66B 11/00; B66B 7/06

IPC 8 full level
B66B 7/06 (2006.01); **B66B 11/00** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP)
B66B 7/06 (2013.01); **B66B 11/009** (2013.01)

Citation (search report)
See references of WO 03104128A1

Citation (third parties)
Third party :
• WO 0027739 A1 20000518 - KONE CORP [FI], et al
• GROOT DE F; WILSCHUT J: "TRACTIELIFT ZONDER MACHINEKAMER", BOUWWERELD, no. 19, 11 October 1996 (1996-10-11), pages 66 - 68, XP000641873

Cited by
EP2655235A4; DE202008001786U1; EP2082983A1; EP1886957A1; US10221043B2; US8556041B2; US9446931B2; EP2082983B1

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