

Title (en)
Traction sheave elevator

Title (de)
Antriebsscheibenaufzug

Title (fr)
Ascenseur à poulie de traction

Publication
EP 0710618 A2 19960508 (EN)

Application
EP 95116984 A 19951027

Priority
FI 945171 A 19941103

Abstract (en)
The traction sheave elevator comprises an elevator car (1) moving along elevator guide rails (10), a counterweight (2) moving along counterweight guide rails (11), a set of hoisting ropes (3) on which the elevator car and the counterweight are suspended, and a drive machine unit (6) comprising a traction sheave (7) driven by the drive machine and engaging the hoisting ropes (3). The drive machine unit (6) of the elevator is placed in the top part of the elevator shaft. The drive machine unit (6) is mounted on the upper end of one or more guide rails (10,11,11a). <IMAGE>

IPC 1-7
B66B 11/00

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

CPC (source: EP)
B66B 11/0045 (2013.01)

Citation (applicant)
• FI 932977 A 19941229 - KONE OY [FI]
• FI 941719 A 19941229 - KONE OY [FI]

Cited by
US7874404B1; DE102005002607A1; EP1676807A3; EP1026116A1; EP0985627A3; EP1557391A3; EP1623948A3; GB2411887A; GB2411887B; GB2383791A; GB2383791B; ES2156833A1; EP1422183A4; GB2352221A; GB2352221B; US6138799A; AT410784B; CN100347068C; US7178636B2; DE19963297A1; DE19963297B4; GB2395191B; CN1091743C; EP1312575A1; US6085874A; SG102530A1; US6006865A; CN1329273C; CN1094109C; EP0849209A1; EP1577247A4; US6691833B1; US6193016B1; US6848543B2; US9815665B2; WO03020628A1; US7299896B1; DE102005060838B3; EP1471027A1; DE10205170A1; DE10205170B4; EP1215157A1; DE19931396C2; US6039152A; EP0841283A1; EP1149795A1; EP0846645A1; US6035974A; AU726254B2; WO9943589A1; US6672013B1; US6860367B1; US6991069B1; US7246688B2; US8448751B2; EP1066213B1; KR100935900B1; WO9943593A1; WO9850299A1; US6478117B2; US6202793B1; US6325177B1; US6345695B1; US6305499B1; US9352935B2; WO0015535A1; WO9933742A1; EP1419987A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0710618 A2 19960508; EP 0710618 A3 19970528; EP 0710618 B1 20000712; EP 0710618 B2 20060621; AT E194588 T1 20000715; DE 69517915 D1 20000817; DE 69517915 T2 20001109; DE 69517915 T3 20070419; DK 0710618 T3 20000904; DK 0710618 T4 20060814; ES 2148402 T3 20001016; ES 2148402 T5 20070201; FI 945171 A0 19941103; FI 96198 B 19960215; FI 96198 C 19960527; GR 3034264 T3 20001229; JP 3014952 B2 20000228; JP H08208152 A 19960813; PT 710618 E 20001229; SI 0710618 T1 20001031; SI 0710618 T2 20061231

DOCDB simple family (application)
EP 95116984 A 19951027; AT 95116984 T 19951027; DE 69517915 T 19951027; DK 95116984 T 19951027; ES 95116984 T 19951027; FI 945171 A 19941103; GR 20000401951 T 20000829; JP 30851595 A 19951102; PT 95116984 T 19951027; SI 9530426 T 19951027