

Title (en)
Pulley assembly for elevator

Title (de)
Scheibenkonstruktion für Aufzug

Title (fr)
Ensemble de poulie pour ascenseur

Publication
EP 1514828 A3 20090311 (EN)

Application
EP 04019420 A 20040816

Priority
FI 20031310 A 20030915

Abstract (en)
[origin: EP1514828A2] The elevator of the invention comprises a set of hoisting ropes, an elevator car suspended by the set of hoisting ropes and possibly a counterweight suspended by the set of hoisting ropes. The hoisting ropes are received by pair of rope pulleys, and they have been arranged to run from a first rope pulley of the pair of rope pulleys to a second rope pulley of the pair of rope pulleys. The rope pulleys are rotatably mounted with bearings on the mounting frame (23), which comprises at least one first connecting part (24), by means of which the rope pulley is secured to a mounting support on the elevator car or counterweight. The mounting frame of each rope pulley in the pair of rope pulleys is provided with at least one second connecting part (25), which has been arranged to be connected with accurate alignment to an aligning means (20,21) separate from the mounting support.

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

CPC (source: EP)
B66B 7/08 (2013.01); **B66B 11/005** (2013.01); **B66B 11/0055** (2013.01)

Citation (search report)

- [X] WO 9933743 A1 19990708 - KONE CORP [FI], et al
- [A] EP 0375208 A1 19900627 - OTIS ELEVATOR CO [US]
- [A] JP 2001122564 A 20010508 - TOSHIBA ELEVATOR CO LTD, et al
- [DA] EP 0631967 A2 19950104 - KONE OY [FI]

Cited by
JP2013112503A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1514828 A2 20050316; EP 1514828 A3 20090311; EP 1514828 B1 20160106; CN 100548853 C 20091014; CN 1597487 A 20050323; ES 2560854 T3 20160223; FI 115720 B 20050630; FI 20031310 A0 20030915; FI 20031310 A 20050316

DOCDB simple family (application)
EP 04019420 A 20040816; CN 200410068765 A 20040906; ES 04019420 T 20040816; FI 20031310 A 20030915