

Title (en)
CABLE GUIDE FOR AN ELEVATOR DRIVE

Title (de)
SEILFÜHRUNG FÜR EINEN LIFTANTRIEB

Title (fr)
GUIDAGE PAR CÂBLES POUR UN ENTRAÎNEMENT D'ASCENSEUR

Publication
EP 2114812 A1 20091111 (DE)

Application
EP 08700542 A 20080201

Priority
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• CH 1962007 A 20070206

Abstract (en)
[origin: WO2008095325A1] An elevator car and the counterweight (30) are each guided on a pair of vertical guide rails disposed along a shaft wall. At least two cables (41, 42) are guided in the upper part about a traction cylinder (26) mounted on a mounting bridge on the guide rails. The rotational axle of the cylinder drive is parallel to the adjacent shaft wall. The cables (41) guided in the lower area and arranged on the side of the shaft wall support the counterweight (30) such that half of the cables (41) comprise, on the lower side, one of the cable pulleys (29) acting as free rollers and the other half of the cables (41) comprise on the lower side thereof the other two cable pulleys (29). The axle pins (11) of said cable pulleys (29) extend horizontally, adjacently and parallel in relation to each other and support the counter-weight (30). The axle pins (11) of said cable pulleys (29) are also perpendicular to the axle of the drive cylinder (26). Said cables (41) on the other side of said cable pulleys (29) travel in an upward direction to the mounting bridge and are secured there. The at least two other cables (42) travelling from the traction cylinder (26) in a downward direction support the elevator car. One half of said cables (42) support one of the two cable pulleys (28) and the other half support the other cable pulleys (28).

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