

Title (en)
ELEVATOR

Title (de)
AUFZUG

Title (fr)
ASCENSEUR

Publication
EP 2125389 A1 20091202 (DE)

Application
EP 08717543 A 20080307

Priority
• EP 2008052796 W 20080307
• US 89428707 P 20070312

Abstract (en)
[origin: WO2008110520A1] The fixed point (14) arranged on a guiding track (5) substantially comprises a carriage (19) that can be moved along the guiding track (5). The carriage is guided along the free leg (5.2) of the guiding track (5) by means of guide shoes (22) and carries a yoke (23). A console (24) is arranged on the guiding track (5), a damping element (25) being supported on said console. The end (10) of a belt (11) is held by means of a connecting element (26), said connecting element in turn being attached to the yoke (23) by means of a tension rod (27) and nuts (28). In case of an emergency stop, during which the brake of the drive unit slows down the elevator cabin until standstill, the occurring deceleration forces are transferred to the yoke (23) by means of the belt (11), connecting element (26) and tension rod (27). The deceleration forces effect a downward displacement of the carriage (19) into the suspension position against the damping capacity of the damping element (26).

IPC 8 full level
B60B 7/06 (2006.01)

CPC (source: EP KR US)
B66B 7/00 (2013.01 - KR); **B66B 7/06** (2013.01 - KR); **B66B 7/08** (2013.01 - EP US); **B66B 11/04** (2013.01 - KR)

Citation (search report)
See references of WO 2008110520A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008110520 A1 20080918; BR PI0808877 A2 20140826; CN 101641224 A 20100203; CN 101641224 B 20110817;
EP 2125389 A1 20091202; EP 2125389 B1 20150506; KR 20090122934 A 20091201; US 2011132694 A1 20110609; US 8739937 B2 20140603

DOCDB simple family (application)
EP 2008052796 W 20080307; BR PI0808877 A 20080307; CN 200880008293 A 20080307; EP 08717543 A 20080307;
KR 20097017684 A 20080307; US 53070408 A 20080307