

Title (en)
SPEED LIMITER FOR LIFTING APPARATUSES

Title (de)
GESCHWINDIGKEITSBEGRENZER FÜR HUBVORRICHTUNGEN

Title (fr)
LIMITEUR DE VITESSE POUR ASCENSEURS

Publication
EP 1944262 A4 20110720 (EN)

Application
EP 06794053 A 20060629

Priority
• ES 2006000378 W 20060629
• ES 200501527 U 20050704

Abstract (en)
[origin: EP1944262A1] Speed governors for lifts that use a toothed timing belt mounted in the lift shaft and installed either on the lift car or onto the safety gear, thus forming the one package, are installed in such a way that the rotation of the governing pulley may coincide with the steering linkage rod. It then activates the blocking system of the governing pulley directly on the steering linkage rod for functioning in connection with it. In order to limit the actuating force on the steering linkage and the timing belt or rope, it has a governing clutch that enables the rotation of the governing pulley, connected to the timing belt or rope, after the blocking has taken place.

IPC 8 full level
B66B 5/04 (2006.01); **B66B 7/06** (2006.01)

CPC (source: EP)
B66B 5/044 (2013.01); **B66B 7/062** (2013.01)

Citation (search report)
• [XA] US 5349854 A 19940927 - GARRIDO ALFONSO [ES], et al
• [XA] US 3415343 A 19681210 - TORBJORN SVENSSON
• [I] DE 2821547 A1 19791122 - IND AUFZUEGE GMBH
• [A] JP 2004142858 A 20040520 - MITSUBISHI ELECTRIC CORP
• See references of WO 2007003671A1

Cited by
CN103318720A; EP2913287A1; US9919897B2; WO2015130577A3; EP3068717B1

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

DOCDB simple family (publication)
EP 1944262 A1 20080716; EP 1944262 A4 20110720; EP 1944262 B1 20170111; ES 1060583 U 20051001; ES 1060583 Y 20060116;
WO 2007003671 A1 20070111

DOCDB simple family (application)
EP 06794053 A 20060629; ES 200501527 U 20050704; ES 2006000378 W 20060629