

Title (en)
DRIVE WITH MULTIPLE LINKING ELEMENT FOR AN ELEVATOR SYSTEM

Title (de)
ANTRIEB MIT MEHRFACH-UMSCHLINGUNG FÜR EINE AUFZUSANLAGE

Title (fr)
ENTRAÎNEMENT À COURROIE MULTIPLE POUR UNE INSTALLATION D'ASCENSEUR

Publication
EP 3114067 B1 20180404 (DE)

Application
EP 15703590 A 20150210

Priority
• EP 14157947 A 20140305
• EP 2015052741 W 20150210

Abstract (en)
[origin: WO2015132051A1] The invention relates to a drive machine for an elevator system, to a corresponding elevator system, and to a method for supporting and driving traveling bodies of an elevator system. The elevator system (1) comprises a first traveling body (3) and a second traveling body (5), which are supported by a support means (8). A drive machine (9) drives the support means (8), and thus the two traveling bodies (3, 4), wherein the two traveling bodies (3, 5) each have at least one first support roller (33). By means of said support rollers (33), the support means (8) supports the traveling bodies (3, 5), at least partially. The drive machine (9) comprises at least one first and one second machine roller (18, 20). Said machine rollers are arranged on a common axis of rotation (15) of the drive machine (9), wherein at least one of said first or second machine rollers (18, 20) is a machine drive roller (14) for driving the support means. On the way from the first traveling body (3) to the second traveling body (5), the support means (8) is guided over the first machine roller (18) and over the second machine roller (20). The guidance is hereby such that in the method, the circumferential speeds of the two machine rollers (18, 20) vary.

IPC 8 full level
B66B 11/04 (2006.01)

CPC (source: EP US)
B66B 9/00 (2013.01 - US); **B66B 11/0438** (2013.01 - EP US); **B66B 11/08** (2013.01 - US)

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

DOCDB simple family (publication)
WO 2015132051 A1 20150911; CN 106061881 A 20161026; CN 106061881 B 20180511; EP 3114067 A1 20170111; EP 3114067 B1 20180404; US 10023436 B2 20180717; US 2017217731 A1 20170803

DOCDB simple family (application)
EP 2015052741 W 20150210; CN 201580011991 A 20150210; EP 15703590 A 20150210; US 201515123288 A 20150210