

Title (en)
Drive for goods hoists and elevators

Title (de)
Aufzugsantrieb

Title (fr)
Treuil d' ascenseur

Publication
EP 2199245 A1 20100623 (EN)

Application
EP 08425810 A 20081222

Priority
EP 08425810 A 20081222

Abstract (en)
A drive (1) for goods hoists and elevators (2), of the type that comprises a compartment within which a car (3) and a counterweight (4) are guided so that they can slide in a parallel arrangement in opposite directions, comprising a motor drive (5). The motor drive (5) comprises a pinion (6) that is provided with a suitable set of teeth (8), whose diameter does not exceed 65 mm, and is functionally associated with a respective toothed belt (7). The reduced diameter of the pinion (6) determines the need for a low driving and/or braking torque with respect to the performance of the system in which it works, and therefore a reduction in the mass and moment of inertia of the motor drive (5).

IPC 8 full level
B66B 11/04 (2006.01)

CPC (source: EP)
B66B 7/062 (2013.01); **B66B 11/009** (2013.01)

Citation (applicant)
US 2005115799 A1 20050602 - ACH ERNST [CH], et al

Citation (search report)
• [X] US 2005115799 A1 20050602 - ACH ERNST [CH], et al
• [A] US 2007093334 A1 20070426 - ACH ERNST [CH]
• [A] DE 102004047158 A1 20060330 - CONTITECH ANTRIEBSSYSTEME GMBH [DE]

Cited by
CN112499535A; EP2990370A1; CN105384036A; US8157058B2; US8210320B2

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2199245 A1 20100623

DOCDB simple family (application)
EP 08425810 A 20081222