

Title (en)
Frictional drive for an elevator and operating method

Title (de)
Reibantrieb für einen Aufzug und Betriebsverfahren

Title (fr)
Entraînement à frottement pour ascenseur et procédé de fonctionnement

Publication
EP 2574584 A1 20130403 (EN)

Application
EP 11183573 A 20110930

Priority
EP 11183573 A 20110930

Abstract (en)
An elevator drive (9) comprising a motor (8) and a traction sheave (7) wherein the motor engages the traction sheave with a first coefficient of friction (μ_1). Accordingly, as the motor (8) is frictionally coupled to the traction sheave (7), a degree of slippage or non-simultaneous rotation therebetween is facilitated.

IPC 8 full level
B66B 11/04 (2006.01)

CPC (source: EP)
B66B 11/0476 (2013.01); **B66B 11/0484** (2013.01)

Citation (applicant)

- WO 2011069773 A1 20110616 - INVENTIO AG [CH], et al
- GB 2153465 A 19850821 - HITACHI LTD
- US 5323878 A 19940628 - NAKAMURA ICHIRO [JP], et al
- US 5244060 A 19930914 - TANAKA MASAKATSU [JP], et al
- US 2008185232 A1 20080807 - HENNEAU PHILIPPE [CH]
- US 2007170009 A1 20070726 - KUGIYA TAKUO [JP], et al
- EP 2292546 A1 20110309 - INVENTIO AG [CH]
- EP 1764335 A2 20070321 - INVENTIO AG [CH]
- WO 2009060037 A1 20090514 - INVENTIO AG [CH], et al

Citation (search report)

- [X] US 4465162 A 19840814 - YOKOTA SATORU [JP]
- [XY] DE 613078 C 19350513 - HANS MANGELSDORFF
- [X] GB 576528 A 19460409 - EXPRESS LIFT CO LTD, et al
- [Y] EP 1493708 A2 20050105 - SASSI ALBERTO SPA [IT]
- [X] JP 2007230693 A 20070913 - TOSHIBA ELEVATOR CO LTD
- [XY] JP S59165877 U 19841107

Cited by
DE102017206131A1; EP2789562A1; WO2018188974A1; US11530113B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2574584 A1 20130403

DOCDB simple family (application)
EP 11183573 A 20110930