

Title (en)
LIFT GUIDE

Title (de)
HEBEFÜHRUNG

Title (fr)
GUIDE D'ASCENSEUR

Publication
EP 2289833 A4 20141119 (FR)

Application
EP 09757639 A 20090528

Priority
• ES 2009000299 W 20090528
• ES 200801760 A 20080606

Abstract (en)
[origin: ES2330296A1] The invention relates to a lift guide with a symmetry axis OY, consisting of a mushroom-shaped element (1) and two flanges (2), each side of the mushroom element (1) being provided with a side braking and guiding surface for the lift-braking and -guiding elements (fg). The invention is characterised in that the mushroom element (1) includes a head (3) which prevents the braking and/or guiding elements (fg) from moving along the axis. The head (3) of the mushroom element (1) has: two side braking and/or rolling surfaces (3', 3''), on either side of the symmetry axis, which converge toward one another in the direction of the interior or exterior of the mushroom element (1) and greater dimensions along the OX axis than the side braking/guiding surfaces (3', 3'').

IPC 8 full level
B66B 7/02 (2006.01)

CPC (source: EP ES US)
B66B 7/02 (2013.01 - ES); **B66B 7/022** (2013.01 - EP US)

Citation (search report)
• [X] US 1931237 A 19331017 - O'CONNELL WALTER J
• [X] JP S51109562 U 19760903
• [X] JP H0867463 A 19960312 - TOSHIBA CORP & DATABASE WPI Week 199620, Derwent World Patents Index; AN 1996-196406

Cited by
WO2017167881A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2289833 A2 20110302; EP 2289833 A4 20141119; CN 102046509 A 20110504; CN 102046509 B 20130626; ES 2330296 A1 20091207; ES 2330296 B1 20100922; US 2011036670 A1 20110217; US 8657075 B2 20140225; WO 2009147260 A2 20091210; WO 2009147260 A3 20100318

DOCDB simple family (application)
EP 09757639 A 20090528; CN 200980119287 A 20090528; ES 200801760 A 20080606; ES 2009000299 W 20090528; US 98984709 A 20090528