

Title (en)
CAR FOR A LIFT IN A LIFT SHAFT

Title (de)
FAHRKORB FÜR EINEN AUFZUG IN EINEM AUFZUGSSCHACHT

Title (fr)
CABINE D'ASCENSEUR DANS UNE CAGE D'ASCENSEUR

Publication
EP 3362395 A1 20180822 (DE)

Application
EP 16779141 A 20161012

Priority
• DE 102015117360 A 20151012
• EP 2016074472 W 20161012

Abstract (en)
[origin: WO2017064123A1] The invention relates to a car for a lift in a lift shaft, which is suspended as far as possible in the centre of gravity thereof at least in a ratio of 2:1 by means of carrying means guided via pulleys. Same is guided via car guides, wherein the car comprises a car base, a car roof, car walls and a passenger space therebetween that can be accessed by the passenger. The object of the invention is to form a car for a preferably machine room-free lift in such a way that as large a portion as possible of the available shaft cross-section can be made available to the passenger, and a reduction in the required shaft pit depth is achieved and/or minimal shaft headroom is required. The width of the car should be as large as possible in comparison to known solutions in the same shaft width. According to the invention, at least one first part of a pulley (6) is located in a region between the car base (1) and car roof (4), and a second part of the pulley (6) is located in the car base (1) or at the same height as the car base (1) or in the car roof (4) or at the same height as the car roof (4).

IPC 8 full level
B66B 11/00 (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP US)
B66B 7/08 (2013.01 - US); **B66B 11/008** (2013.01 - US); **B66B 11/0206** (2013.01 - EP US); **B66B 11/0226** (2013.01 - US); **B66B 15/04** (2013.01 - US); **B66B 11/0065** (2013.01 - EP US); **B66B 17/12** (2013.01 - EP)

Citation (search report)
See references of WO 2017064123A1

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)
WO 2017064123 A1 20170420; BR 112018007300 A2 20181023; BR 112018007300 B1 20220419; CN 108137284 A 20180608; CN 108137284 B 20220513; EP 3362395 A1 20180822; EP 3362395 B1 20220511; ES 2922638 T3 20220919; MY 193696 A 20221025; US 11180346 B2 20211123; US 2019071283 A1 20190307

DOCDB simple family (application)
EP 2016074472 W 20161012; BR 112018007300 A 20161012; CN 201680058673 A 20161012; EP 16779141 A 20161012; ES 16779141 T 20161012; MY PI2018700932 A 20161012; US 201615767164 A 20161012