

Title (en)  
TRACTION SYSTEM FOR A LIFT

Title (de)  
TRAKTIONSSYSTEM FÜR EINE AUFZUGSANLAGE

Title (fr)  
SYSTÈME DE TRACTION POUR UN ASCENSEUR

Publication  
**EP 2346770 B1 20140521 (DE)**

Application  
**EP 09783462 A 20090928**

Priority  
• EP 2009062503 W 20090928  
• DE 102008037538 A 20081110

Abstract (en)  
[origin: WO2010052067A1] The invention relates to a traction system comprising a traction mechanism (1), especially for a lift, the traction mechanism (1) being drivable by a traction disk (6). The aim of the invention is to provide a traction system having a traction mechanism that is easy to handle, whereby high traction forces can be transferred, and the traction mechanism enables a narrower drive unit than known belt technology. To this end, the traction mechanism is embodied as a composite cable (1) in which parallel individual traction carriers (4) surrounded by an elastomer material are interconnected by an elastomer connector layer (5) on one side, and the traction carriers (4) engage in corresponding grooves (7) of the traction disk (6). The insertion depth of the individual cables (2) of the traction carriers (4) in the grooves of the traction disk (6) is at least 25 % of the diameter (d) of the individual cables (2).

IPC 8 full level  
**B66B 15/04** (2006.01); **B66B 7/06** (2006.01)

CPC (source: EP US)  
**B66B 7/062** (2013.01 - EP US); **B66B 15/04** (2013.01 - EP US); **Y10T 24/3909** (2015.01 - US)

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 SM TR

DOCDB simple family (publication)  
**DE 102008037538 A1 20100512**; CN 102209679 A 20111005; CN 102209679 B 20150617; EP 2346770 A1 20110727;  
EP 2346770 B1 20140521; US 2011226562 A1 20110922; US 8794387 B2 20140805; WO 2010052067 A1 20100514

DOCDB simple family (application)  
**DE 102008037538 A 20081110**; CN 200980144885 A 20090928; EP 09783462 A 20090928; EP 2009062503 W 20090928;  
US 201113104530 A 20110510