

Title (en)
TRACTION SYSTEM FOR A LIFT

Title (de)
TRAKTIONSSYSTEM FÜR EINE AUFZUGSANLAGE

Title (fr)
SYSTÈME DE TRACTION POUR UN ASCENSEUR

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Application
EP 09783462 A 20090928

Priority
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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).

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