Title (en)

Elevator with transmission-suspension arrangement consisting of a belt and pulleys

Title (de)

Aufzugsanlage mit einer aus Riemen und Scheiben bestehenden Antriebsübertragungsanordnung

Title (fr)

Ascenseur avec dispositif de transmission et suspension comprenant une couroie et des poulies

Publication

EP 1396458 A3 20040526 (DE)

Application

EP 03016954 A 20030725

Priority

DE 10240988 A 20020905

Abstract (en)

[origin: EP1396458A2] The lift system (2) has a drive transmission arrangement consisting of flat belts (8) and pulleys (10a,10b,12a-12c). The flat belt is manufactured in optional length as cut meter pieces and consists of an elastomer material, and is reinforced by ties. The flat belt on at least one of its sides, which may be the lower or upper side, is provided with longitudinal ribs, and the pulleys are grooved or flat pulleys and serve as deflection and drive pulleys. In the case of a belt with ribs on both sides the ribs are geometrically different in their construction.

IPC 1-7

B66B 7/06; B66B 11/08

IPC 8 full level

B66B 7/06 (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP)

B66B 7/062 (2013.01); **B66B 11/08** (2013.01); **D07B 5/006** (2015.07); D07B 2501/2007 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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