

Title (en)

Synthetic fibre rope and lift installation with such a synthetic fibre rope

Title (de)

Kunstfaserseil und Aufzugsanlage mit einem solchen Kunstfaserseil

Title (fr)

Câble en fibres synthétiques et installation d'ascenseur comportant un tel câble en fibres synthétiques

Publication

**EP 1905892 A3 20090211 (DE)**

Application

**EP 07116797 A 20070920**

Priority

- EP 06121572 A 20060929
- EP 07116797 A 20070920

Abstract (en)

[origin: EP1905892A2] An outer strand layer (2) has strands (7) mutually spaced apart in a circumferential direction. The inner strand layers (3,4) have strands (8-10) mutually spaced apart in the circumferential direction. The strands of the outer strand layer can freely move in radial direction in a direction of a center of the cable and exert a radial pressure on the strands of the inner strand layer. The radial pressure increases in an inwardly direction. Independent claims are also included for the following: (1) a supporting and driving unit; and (2) a method of producing a synthetic fiber cable.

IPC 8 full level

**D07B 1/02** (2006.01); **D07B 1/16** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP US)

**B66B 7/06** (2013.01 - EP); **B66B 7/062** (2013.01 - EP); **D07B 1/025** (2013.01 - EP); **D07B 1/162** (2013.01 - EP US); **D07B 1/22** (2013.01 - EP US); **D07B 2201/1008** (2013.01 - EP); **D07B 2205/2042** (2013.01 - EP); **D07B 2205/205** (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

Citation (search report)

- [X] US 3111001 A 19631119 - HAUS-RICHARD SCHMITTMANN, et al
- [DA] US 4202164 A 19800513 - DYKEMAN FRED E [US], et al
- [A] EP 1061172 A2 20001220 - INVENTIO AG [CH]
- [A] US 2004206579 A1 20041021 - BARANDA PEDRO S [US], et al
- [DA] EP 1004700 A2 20000531 - INVENTIO AG [CH]

Cited by

CN107700256A; DE102015213568A1; US11008703B2; WO2023222693A1; WO2017102821A1; WO2017068054A1; EP3392404A1; US10808355B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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