

Title (en)

Support or traction member containing a lubricant and method for producing it

Title (de)

Schmiermittel enthaltendes Trag- bzw. Zugmittel und Verfahren zu dessen Herstellung

Title (fr)

Élément de support ou de traction comportant un lubrifiant et sa procédé de production

Publication

EP 1418267 A1 20040512 (DE)

Application

EP 03024619 A 20031025

Priority

- EP 03024619 A 20031025
- EP 02405946 A 20021105

Abstract (en)

A drive-capable support or traction member comprises layer(s) of strands of synthetic fiber material; an outer casing that encases the strands; and lubricant mixed with an impregnant of the strands, a lubricant mixed with a material of the outer casing, a lubricant applied to outer surface(s) of the strands, a lubricant mixed with a material of an intermediate casing, and/or a lubricant applied to an intermediate casing. An Independent claim is also included for a method of manufacturing the inventive drive-capable support or traction member comprising mixing a lubricant with an impregnant of the strands, mixing a lubricant with a material of the outer casing, applying a lubricant to at least one outer surface of the strands, mixing a lubricant with a material of an intermediate casing, and/or applying a lubricant to an intermediate layer.

Abstract (de)

Die Erfindung bezieht sich auf ein treibfähiges Trag- bzw. Zugmittel und ein Verfahren zu dessen Herstellung, mit mindestens einer Lage von Litzen aus synthetischem Fasermaterial und mit einem die Litzen umhüllenden Aussenmantel, wobei in das Trag- bzw. Zugmittel ein Schmiermittel selektiv eingebracht wird, derart dass die Litzen für eine Relativbewegung gegeneinander mit einem Reibwert geschmiert sind.

IPC 1-7

D07B 1/02; **D07B 1/14**; **D07B 1/16**

IPC 8 full level

D07B 1/02 (2006.01); **D07B 1/14** (2006.01); **D07B 1/16** (2006.01)

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C-Set (source: EP)

1. **D07B 2205/205** + **D07B 2801/12**
2. **D07B 2205/50** + **D07B 2801/22**
3. **D07B 2205/205** + **D07B 2801/10**

Citation (search report)

- [X] US 4202164 A 19800513 - DYKEMAN FRED E [US], et al
- [DX] EP 0672781 A1 19950920 - INVENTIO AG [CH]
- [DA] US 5881843 A 19990316 - O'DONNELL HUGH J [US], et al

Cited by

CH699751A1; DE102006020633B3; EP3357858A1; US9546447B2; WO2013087840A1; WO2010048736A3

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