

Title (en)

ROPES HAVING IMPROVED CYCLIC BEND OVER SHEAVE PERFORMANCE

Title (de)

SEILE MIT VERBESSERTER ZYKLISCHER BIEGUNGSLEISTUNG UM SEILSCHEIBE

Title (fr)

CORDES AYANT UNE RESISTANCE AMELIOREE A LA COURBURE CYCLIQUE SUR POULIE

Publication

**EP 1991733 B1 20170802 (EN)**

Application

**EP 07757273 A 20070221**

Priority

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- US 36118006 A 20060224
- US 48187206 A 20060706

Abstract (en)

[origin: US2007202329A1] An improved rope is formed from a blend of fluoropolymer fibers and high tenacity polyolefin fibers. The fibers and/or the rope are coated with a composition comprising an amino functional silicone resin and a neutralized low molecular weight polyethylene. The ropes are useful in marine applications, such as in deep sea lifting, and have improved cyclic bend over sheave fatigue resistance.

IPC 8 full level

**D06M 15/643** (2006.01)

CPC (source: EP KR NO US)

**D02G 3/00** (2013.01 - KR); **D04C 1/12** (2013.01 - EP US); **D06M 15/643** (2013.01 - KR); **D06M 15/6436** (2013.01 - EP NO US); **D07B 1/025** (2013.01 - EP US); **D07B 1/16** (2013.01 - EP KR US); **D07B 1/162** (2013.01 - EP US); **D07B 2201/1096** (2013.01 - EP US); **D07B 2201/2012** (2013.01 - EP US); **D07B 2201/2044** (2013.01 - EP US); **D07B 2205/201** (2013.01 - EP US); **D07B 2205/2014** (2013.01 - EP US); **D07B 2205/3017** (2013.01 - EP US); **D07B 2501/2061** (2013.01 - EP US); **Y10T 428/2933** (2015.01 - EP US)

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