

Title (en)
Buffer layer for strings

Title (de)
Pufferschicht für Saiten

Title (fr)
Couche tampon pour cordons

Publication
EP 2083928 B1 20111026 (EN)

Application
EP 07864530 A 20071116

Priority
• US 2007084973 W 20071116
• US 86619906 P 20061116

Abstract (en)
[origin: WO2008061229A1] A thin buffer layer (303) is used to coat on the multi-filament (401) wrapped string to fill the gaps. The polymers of the buffer-layer coating have a high melt-flow (low viscosity) during coating process to fill all the gaps between the filaments, and the filaments are fixed by the coatings onto base core materials.

IPC 8 full level
A63B 51/02 (2015.01); **D02G 3/44** (2006.01); **D07B 1/02** (2006.01); **G10D 3/10** (2006.01)

CPC (source: EP US)
A63B 51/02 (2013.01 - EP US); **D07B 1/02** (2013.01 - EP US); **D07B 1/162** (2013.01 - EP US); **D07B 1/165** (2013.01 - EP US); **G10D 3/10** (2013.01 - EP US); **D07B 2201/1036** (2013.01 - EP US); **D07B 2201/2074** (2013.01 - EP US); **D07B 2201/2087** (2013.01 - EP US); **D07B 2205/10** (2013.01 - EP US); **D07B 2205/2046** (2013.01 - EP US); **D07B 2205/3007** (2013.01 - EP US); **Y10T 428/2936** (2015.01 - EP US)

Cited by
US9739742B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008061229 A1 20080522; WO 2008061229 A9 20080821; AT E530230 T1 20111115; CN 101534909 A 20090916; EP 2083928 A1 20090805; EP 2083928 B1 20111026; JP 2010510400 A 20100402; TW 200840890 A 20081016; US 2008124546 A1 20080529

DOCDB simple family (application)
US 2007084973 W 20071116; AT 07864530 T 20071116; CN 200780042703 A 20071116; EP 07864530 A 20071116; JP 2009537390 A 20071116; TW 96143229 A 20071115; US 94097607 A 20071115