

Title (en)

Static rope and mast or boom construction including a static rope

Title (de)

Statisches Seil sowie ein statisches Seil aufweisende Konstruktion eines Mastes oder eines Baumes

Title (fr)

Corde statique et construction d'un mât ou d'un mât de charge comportant une corde statique

Publication

EP 1659209 A2 20060524 (EN)

Application

EP 05110532 A 20051109

Priority

SE 0402852 A 20041115

Abstract (en)

A static rope having an outer braided mantle (4) and an inner core (1) formed by three or more strands (2) which each comprise a set of fibre bundles (3), where the core (1) and the mantle (4) are each made from synthetic fibres with an elasticity of less than 20%, where the rope is provided with a loop (6) fashioned at one end of the rope which is formed by the rope being bent at the said end and forming, to create the said loop (6), two portions starting from the loop (6), a long portion (7) and a short portion (8), which portions are positioned next to and in contact with one another and are joined together by a seam (9) which runs along the portions and engages in both portions, and also a mast or boom construction which comprises such a rope.

IPC 8 full level

D07B 1/02 (2006.01); **B63B 15/00** (2006.01); **D07B 1/18** (2006.01)

IPC 8 main group level

D07B (2006.01)

CPC (source: EP)

D07B 1/02 (2013.01); **D07B 1/185** (2013.01); **D07B 2201/209** (2013.01)

Cited by

CN112921496A; CN113047072A; US9340925B2; US10377607B2; WO2013079459A1; US9145639B2; WO2014151957A1; WO2023168509A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1659209 A2 20060524; **EP 1659209 A3 20070516**; **EP 1659209 B1 20110511**; **EP 1659209 B2 20180509**; AT E509154 T1 20110515; SE 0402852 D0 20041115; SE 0402852 L 20060516; SE 530356 C2 20080513

DOCDB simple family (application)

EP 05110532 A 20051109; AT 05110532 T 20051109; SE 0402852 A 20041115