

Title (en)
Double-twist stranding machine

Title (de)
Doppelschlagverseilmaschine

Title (fr)
Toronneuse à double torsion

Publication
EP 1441063 A1 20040728 (EN)

Application
EP 03425034 A 20030124

Priority
EP 03425034 A 20030124

Abstract (en)
Stranding machine comprising a base (1) on which an arc structure (2) can rotate around a stationary central structure (4) in which a bobbin (5) is rotated for winding a cable (6) pulled by one or more pulleys (7) and twisted with a double twist in the arc structure (2) during its rotation, said arc structure (2) comprising a pair of rotating guides (2a, 2b) mutually connected by an arc (2c) along which the cable (6) runs, characterized in that the first (2a) and/or the second (2b) rotating guide of the arc structure (2) are provided with a plurality of rollers (8) along which the cable (6) can run, said rollers (8) being mounted onto supports (9) suitable for being rotated around an axis substantially perpendicular to the rotation axis of the rollers (8) and to the portion of the cable (6) tangent thereto. <IMAGE>

IPC 1-7
D07B 3/10

IPC 8 full level
D07B 3/10 (2006.01)

CPC (source: EP US)
D07B 3/10 (2013.01 - EP US); **D07B 7/021** (2021.01 - EP US)

Citation (search report)

- [X] US 3309857 A 19670321 - OTTO HAUGWITZ
- [A] US 3196601 A 19650727 - OTTO HAUGWITZ
- [XA] FR 2616165 A1 19881209 - GODDERIDGE STEPHANE [FR]
- [A] GB 422129 A 19350107 - ANTON KRAFT
- [A] EP 0461844 A2 19911218 - CORTINOVIS SPA [IT]
- [DA] EP 0123656 A1 19841031 - DI LESMO SPA OFF MEC [IT]

Cited by
DE102007002304A1; US11946200B2; DE102010014356A1; WO2011124291A1; DE202011110557U1; US8893464B2; WO2019197193A1

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

DOCDB simple family (publication)
EP 1441063 A1 20040728

DOCDB simple family (application)
EP 03425034 A 20030124