

Title (en)  
METHOD AND MACHINE FOR MAKING TWISTED ROPES

Publication  
**EP 0231376 B1 19911009 (DE)**

Application  
**EP 85905009 A 19850627**

Priority  
SU 8500052 W 19850627

Abstract (en)  
[origin: US4802328A] A method of manufacturing wire ropes, in which a translational motion is imparted to wires (2) fed from reels and before the twisting of these wires around the core member (11) they are given a residual deformation by way of subjecting each wire (2) to a flat bending on one support (3) and to a helical bending in the direction revolved relative to the direction of the flat bending. A wire rope twisting machine in which a device for imparting a residual deformation to the wires (2) is secured on an output portion of a hollow shaft (14) coaxially therewith includes a body (23) on which are installed for each wire (2) two supports (26, 27) arranged in succession. The first support (26) is installed for free rotation about its geometrical axis (28a) and the second support (27) is installed for free rotation relative to its geometrical axis (31a) and for a setting turn about an axis (33a) disposed perpendicularly to the geometrical axis (31a) of the second support (27).

IPC 1-7  
**D07B 3/00**; **D07B 7/02**

IPC 8 full level  
**D07B 3/06** (2006.01); **D07B 3/00** (2006.01); **D07B 7/02** (2006.01)

CPC (source: EP US)  
**D07B 7/025** (2013.01 - EP US); **D07B 2201/2023** (2013.01 - EP US); **D07B 2201/2024** (2013.01 - EP US)

Cited by  
DE10014043C2

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**US 4802328 A 19890207**; AT E68219 T1 19911015; DE 3584372 D1 19911114; DK 93187 A 19870224; DK 93187 D0 19870224; EP 0231376 A1 19870812; EP 0231376 A4 19880531; EP 0231376 B1 19911009; FI 82718 B 19901231; FI 82718 C 19910410; FI 870828 A0 19870226; FI 870828 A 19870226; JP H0571715 B2 19931007; JP S62503177 A 19871217; WO 8700219 A1 19870115

DOCDB simple family (application)  
**US 4403487 A 19870225**; AT 85905009 T 19850627; DE 3584372 T 19850627; DK 93187 A 19870224; EP 85905009 A 19850627; FI 870828 A 19870226; JP 50441885 A 19850627; SU 8500052 W 19850627