

Title (en)

DOUBLE WIRE-WINDING MACHINE WITH AUTOMATIC TRANSFER AND GRIPPING DEVICE FOR THE INITIAL WIRE STRAND

Publication

EP 0038301 A3 19811202 (FR)

Application

EP 81810136 A 19810407

Priority

- CH 281380 A 19800411
- CH 911080 A 19801210

Abstract (en)

[origin: US4438886A] A double winding machine for winding wire on reels includes two reel supports with drive shafts. Each support is equipped with a snagging mechanism comprising a hook-bearing disk with hook, an uncoiling member, and a bearing for supporting the disk and the uncoiling member coaxially with the reel and for allowing relative displacement of the disk and uncoiling member between an initial and a displaced position. A disengageable coupler is provided to rotationally couple the disk, uncoiling member and reel. The coupler can be translationally disengaged. Brakes are provided for the disk to produce a lag between the disk and reel to lengthen the leading end of the wire. The relative displacement is performed with the lag, allowing the leading end to be retained in the hook and uncoiling member. The leading end is thus made accessible, even after winding is complete.

IPC 1-7

B65H 67/04; **B21C 47/24**

IPC 8 full level

B65H 67/04 (2006.01); **B65H 54/12** (2006.01); **B65H 67/052** (2006.01)

CPC (source: EP US)

B65H 67/052 (2013.01 - EP US)

Citation (search report)

- US 3441229 A 19690429 - HENRICH WERNER
- US 3877653 A 19750415 - FOLTYN ZDZISLAW STANISLAW, et al
- FR 2171483 A5 19730921 - SENTA [FR]
- US 3695528 A 19721003 - TAKI TOSHIO, et al
- FR 1600549 A 19700727
- GB 1309733 A 19730314 - DAVY PLASTICS MACHINERY LTD
- CH 621314 A5 19810130 - MAILLEFER SA
- FR 1557720 A 19690221
- FR 1128527 A 19570107 - SCHWEITER S A ATEL CONST

Cited by

EP0067121A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0038301 A2 19811021; **EP 0038301 A3 19811202**; **EP 0038301 B1 19840912**; DE 3165934 D1 19841018; SU 1272973 A3 19861123; US 4438886 A 19840327

DOCDB simple family (application)

EP 81810136 A 19810407; DE 3165934 T 19810407; SU 3275498 A 19810418; US 25091781 A 19810403