

Title (en)

WIRE GUIDING SYSTEMS FOR USE IN WINDING MACHINES

Publication

**EP 0044281 A3 19820203 (DE)**

Application

**EP 81830034 A 19810305**

Priority

EP 81830034 A 19810305

Abstract (en)

[origin: EP0044281A2] Improvements in the wire guiding systems in winding machines, in which the wire (4) on its path from the wire-feed source to the winding bobbin (15) is supported on a wire-guiding roller (1), this wire-guiding roller being supported by an undercarriage (2) which is displaceable in a stepless and uniform manner from one end position to another and is capable of reversing the running direction while the end positions are preferably determined by a microswitch, a photocell or a contactless subminiature switch (9, 12, 13). The abovementioned undercarriage is displaced along fixed guides (3) by means of an element such as endless screws (5), the speed of rotation of which is adjustable. The flanges (16), which maintain the winding reel (15) in the winding phase, have at least the same diameter as the flanges of the reel and can grip over the outer edge thereof. <IMAGE>

IPC 1-7

**B65H 54/28**

IPC 8 full level

**B65H 54/28** (2006.01)

CPC (source: EP)

**B65H 54/2866** (2013.01)

Citation (search report)

- [X] DE 1936045 A1 19700129 - KAISER ALUMINIUM CHEM CORP
- [X] DE 2509413 B2 19790802
- DE 1574425 A1 19701008 - ROSENDAHL WALTER
- DE 2419182 B2 19770210
- US 2988292 A 19610613 - BLISS GEORGE L
- FR 2063431 A5 19710709 - TELECOMMUNICATIONS SA
- DE 896783 C 19531116 - SIEMENS AG
- DE 2322687 A1 19731122 - AUKRA BRUK AS
- US 3565357 A 19710223 - NOGUCHI TAKASHI, et al
- DE 2704122 A1 19770915 - FURUKAWA ELECTRIC CO LTD [JP], et al

Cited by

CN112897243A; CN112893493A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0044281 A2 19820120; EP 0044281 A3 19820203**

DOCDB simple family (application)

**EP 81830034 A 19810305**