Title (en)

Method and device for automatically starting and ending the winding of metallic wire onto reels.

Title (de)

Verfahren und Einrichtung zum automatischen Anlassen und Beendigen des Wickelns von Metalldraht auf Haspeln.

Title (fr)

Procédé et dispositif pour le démarrage et l'achèvement du bobinage automatique d'un fil métallique sur des bobines.

Publication

EP 0439810 B1 19941130 (EN)

Application

EP 90125227 A 19901221

Priority

IT 8332090 A 19900131

Abstract (en)

[origin: EP0439810A1] Automatic control system for the start-up and ending of the winding of metallic wire onto reels, the system being applicable to processes for the hot or cold drawing or rolling of metallic wire, which may have a round, oval, three-lobed, square, rectangular, hexagonal, etc. section, the system being fitted to the wire feed side of a machine (10) to wind metallic wire (25) on reels and comprising the following operational assemblies: a first assembly of automatic devices including in succession a unit (31) to position the wire, a gripper unit (39), a bending unit (45) and a shears unit (50), these units (31-39-45-50) being able to act on wire (25) wound on a reel (11), so as to obtain the step of ending the winding automatically, a second assembly of automatic devices including an inserter unit (58) and a clamp (67), these units (58-67) being suitable to act on one end of the wire (25) so as to obtain the step of start-up of the winding automatically, the first assembly (31-39-45-50) and the second assembly (58-67) of automatic devices cooperating in their respective operational steps with a wire-guide device (17) borne on a movable unit (21) and including means (27) to grip the wire.

IPC 1-7

B21C 47/24; B21C 47/02

IPC 8 full level

B21C 47/02 (2006.01); **B21C 47/24** (2006.01)

CPC (source: EP)

B21C 47/02 (2013.01); **B21C 47/24** (2013.01); **B21C 47/245** (2013.01)

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