

Title (en)
Method of controlling the drive of a reel

Title (de)
Verfahren zum Steuern des Antriebs einer Haspel

Title (fr)
Procédé de commande de l'entraînement d'un dévidoir

Publication
EP 2368649 B1 20120208 (DE)

Application
EP 11000165 A 20110111

Priority
DE 102010012263 A 20100322

Abstract (en)
[origin: US2011226885A1] With a device for controlling the drive of a reel, with a wire supply in the form of a coil of said wire supply, from which the wire, through interposition of a tensioning device, which is spring-pretensioned in one deflection direction and effective up to a maximum deflection, for approximated stabilization of the wire tension of a feed installation of the wire infeed of a downstream positioned wire processing machine, the velocity curve of the feed rate of the wire infeed in accordance with a preset velocity-time profile is controlled by a control unit of the wire processing machine, and whereby the curve of the rotation speed of the reel in accordance with a preset rotation speed-time profile is controlled by the drive control of the reel, whereby the drive control of the reel sets the rotation speed-time profile of the reel, with regard to the velocity-time profile of the feed rate, forward by a preset time interval.

IPC 8 full level
B21C 47/16 (2006.01); **B21C 49/00** (2006.01); **B21F 23/00** (2006.01); **B65H 51/30** (2006.01); **B65H 59/38** (2006.01)

CPC (source: EP US)
B21C 47/16 (2013.01 - EP US); **B21C 49/00** (2013.01 - EP US); **B21F 23/00** (2013.01 - EP US); **B65H 51/10** (2013.01 - EP US); **B65H 51/30** (2013.01 - EP US); **B65H 59/387** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010012263 B3 20110728; AT E544535 T1 20120215; CN 102233396 A 20111109; CN 102233396 B 20140312; EP 2368649 A1 20110928; EP 2368649 B1 20120208; TW 201134572 A 20111016; TW I466737 B 20150101; US 2011226885 A1 20110922; US 8382024 B2 20130226

DOCDB simple family (application)
DE 102010012263 A 20100322; AT 11000165 T 20110111; CN 201110063050 A 20110316; EP 11000165 A 20110111; TW 100104936 A 20110215; US 90292610 A 20101012