

Title (en)

Apparatus for winding metal strip.

Title (de)

Vorrichtung zum Aufwickeln von Metallbändern.

Title (fr)

Appareil pour enrouler des bandes métalliques.

Publication

EP 0145295 A1 19850619 (EN)

Application

EP 84307793 A 19841112

Priority

GB 8330635 A 19831117

Abstract (en)

A coiler for metal strip is described which has a coiler mandrel 1, wrapper rolls 2, 3 and 4 spaced about the mandrel 1 for guiding the initial wraps of a coil about the mandrel 1, and hydraulic rams 5, 6 and 7 for each of the wrapper rolls for urging the respective roll into engagement with the strip and for displacing that roll outwardly. Each wrapper roll has a sensor associated with that wrapper roll which gives a sensor signal on the passage of the leading end of a strip past a given location. A control circuit for the associated wrapper roll receives the sensor signal and immediately operates the associated hydraulic ram of that wrapper roll in advance of said given location to displace that wrapper roll away from the mandrel.

IPC 1-7

B21C 47/06; B65H 19/26; B65H 26/08

IPC 8 full level

B21C 47/06 (2006.01)

CPC (source: EP)

B21C 47/063 (2013.01)

Citation (search report)

- US 4380164 A 19830419 - KUWANO HIROAKI [JP]
- US 3028114 A 19620403 - WERNER ASBECK
- DE 2158721 B2 19770310
- PATENT ABSTRACTS OF JAPAN, unexamined applications, section M, vol. 6, no. 69, April 30, 1982 THE PATENT OFFICE JAPANESE GOVERNMENT page 135 M 125; & JP-A-57 009 531
- PATENT ABSTRACTS OF JAPAN, unexamined applications, section M, vol. 6, no. 14, January 27, 1982 THE PATENT OFFICE JAPANESE GOVERNMENT page 92, M 108; & JP-A-56 134 016

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AT397932B; US6820831B2

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0145295 A1 19850619; **EP 0145295 B1 19890125**; DE 3476346 D1 19890302; FI 76045 B 19880531; FI 76045 C 19880909; FI 844507 A0 19841116; FI 844507 L 19850518; GB 8330635 D0 19831229

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