

Title (en)

Automatic rewinder particularly for flexible film of plastic material and relative method for producing rolls

Title (de)

Automatischer Umwickler insbesondere für flexible Folie aus Plastikmaterial und dazugehöriges Verfahren für die Produktion von Rollen

Title (fr)

Re-enrouleuse automatique particulièrement pour du film flexible de matériau plastique et méthode correspondante pour la production de rouleaux

Publication

EP 1306332 A2 20030502 (EN)

Application

EP 02017908 A 20020809

Priority

IT MI20012274 A 20011029

Abstract (en)

An automatic rewinding machine (1), particularly for film of plastic material, comprising film feeding means (3a, 3b, 3c, 3d, 3e, 5) able to feed a film (4) toward at least one core (9) supported by a mandrel (8) rotatably mounted in a winding cradle (7), so as to generate at least one roll (6) of film, roll unloading means (15) able to unload at least one finished roll (6) out of the winding area of the rewinder, core feeding means (110, 111) able to feed cores (9) from a magazine toward a loading support (50) mounted on a frame (2) of the rewinder, a mandrel loading/unloading device (100) able to load a mandrel (8') inside the cores (9) disposed in the loading support (50) and unload the mandrel (8) from the cores (9), and mandrel handling means (30, 40) able to pick up the mandrel (8') from the loading support (50) to carry it toward the winding area. <IMAGE>

IPC 1-7

B65H 18/00; **B65H 19/22**; **B65H 19/30**; **B65H 19/28**

IPC 8 full level

B65H 19/28 (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP)

B65H 19/283 (2013.01); **B65H 19/305** (2013.01); **B65H 2301/4149** (2013.01); **B65H 2301/41496** (2013.01); **B65H 2301/41818** (2013.01); **B65H 2301/41828** (2013.01); **B65H 2408/236** (2013.01); **B65H 2701/1752** (2013.01)

Cited by

DE102008033736A1; CN112976528A; EP1958904A3; CN109720916A; CN102923510A; CN105750978A; CN107922135A; US2018257891A1; CN105016111A; CN108557536A; CN108328392A; ITMI20131576A1; EP2923980A1; KR20160060701A; RU2663056C2; CN108394742A; CN117878523A; US8713779B2; US11208283B2; US10494214B2; WO2009004659A1; US10023414B2; WO2015043718A1; WO2008020115A1; WO2017036620A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 1306332 A2 20030502; **EP 1306332 A3 20040114**; **EP 1306332 B1 20061004**; DE 60215100 D1 20061116; DE 60215100 T2 20070405; IT MI20012274 A1 20030429

DOCDB simple family (application)

EP 02017908 A 20020809; DE 60215100 T 20020809; IT MI20012274 A 20011029