

Title (en)

Method and device for transferring bobbins during unwinding.

Title (de)

Verfahren und Umladevorrichtung für Bobinen während des Abwicklens.

Title (fr)

Procédé et dispositif de transfert de galettes en cours de dévidage.

Publication

EP 0509958 A1 19921021 (FR)

Application

EP 92810223 A 19920326

Priority

CH 113091 A 19910416

Abstract (en)

The method and the device for transferring bobbins during unwinding, according to the invention, are based on a bobbin hub (5), an inner shaft (70) of which can slide axially under the action of a gripping shaft (82) forming part of the transfer device (3). <??>By bringing the transfer device so as to face the hub of a rotating bobbin and by withdrawing the inner shaft of the hub, the said hub is disconnected from the machine (1), the bobbin (21, 20) continuing to rotate with its hub fixed to the transfer device. It is then possible to move the transfer device along directions located in the plane of rotation of the bobbin and to bring it so as to face another axis of the machine in order to fix once again the hub thereon according to a procedure which is the reverse of the preceding one. <??>Thus it is possible to move a rotating bobbin, especially a bobbin delivering a cigarette-paper strip, without the said paper strip experiencing a torsional force. <??>Other operations relating to the automatic running of the machine are possible with the aid of the transfer device according to the invention. <IMAGE>

IPC 1-7

B65H 19/12

IPC 8 full level

B65H 19/12 (2006.01)

CPC (source: EP US)

B65H 19/123 (2013.01 - EP US); **B65H 2301/41745** (2013.01 - EP US); **B65H 2301/4185** (2013.01 - EP US); **B65H 2301/418523** (2013.01 - EP US); **B65H 2301/4187** (2013.01 - EP US)

Citation (search report)

- [A] EP 0261508 A2 19880330 - FOCKE & CO [DE]
- [A] GB 2066789 A 19810715 - BAT CIGARETTENFAB GMBH
- [A] FR 1338396 A 19630927 - JOSEPH ECK & SOHNE

Cited by

EP0644140A3

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0509958 A1 19921021; **EP 0509958 B1 19960228**; DE 69208504 D1 19960404; DE 69208504 T2 19961010; US 5269479 A 19931214

DOCDB simple family (application)

EP 92810223 A 19920326; DE 69208504 T 19920326; US 86813792 A 19920414