

Title (en)

Automatic bobbin-exchanging device for webs of wrapping material

Title (de)

Automatischer Rollenwechsler für Verpackungsmaterialbahnen

Title (fr)

Changeur de rouleaux automatique pour bandes de matériau d'emballage

Publication

EP 0618161 B1 19970514 (EN)

Application

EP 94104767 A 19940325

Priority

IT GE930031 A 19930401

Abstract (en)

[origin: EP0618161A2] A device for automatically changing reels for feeding webs of wrapping material, especially for cigarette packaging machines, which comprises: a magazine for a row of coaxial full replacement reels (1), with means (2, 3) for successively feeding said reels (1) to a collecting station; an unwinding mandrel (20) whose axis is parallel with the axis of the row of reels (1), on which mandrel it is possible removably to lock an unwinding reel (1''); a transfer mandrel (16) parallel with the unwinding mandrel (20), on which it is possible removably to lock a full replacement reel (1') and which is mounted on a transfer arm (7), by which the full replacement reel (1') is moved from the collecting station (1') to a station (1''') for joining the head end of its web of wrapping material to the tail end of the web of the finished unwinding reel (1'') and then from the joining station (1''') to the unwinding station (1'''), where the replacement reel (1''') is passed to the unwinding mandrel (20). <IMAGE>

IPC 1-7

B65H 19/12; **B65H 75/24**; **B65H 19/10**; **B65H 19/18**

IPC 8 full level

B65H 19/10 (2006.01); **B65H 19/12** (2006.01); **B65H 19/18** (2006.01); **B65H 75/08** (2006.01)

CPC (source: EP)

B65H 19/105 (2013.01); **B65H 19/123** (2013.01); **B65H 19/1836** (2013.01); **B65H 75/08** (2013.01); **B65H 2301/413223** (2013.01); **B65H 2301/4172** (2013.01); **B65H 2301/4173** (2013.01)

Cited by

US6666803B1; CN112716078A; CN116409656A; EP0943568A1; US6076763A; CN1093829C; EP0861797A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0618161 A2 19941005; **EP 0618161 A3 19941130**; **EP 0618161 B1 19970514**; DE 69403131 D1 19970619; DE 69403131 T2 19971030; IT 1262268 B 19960619; IT GE930031 A0 19930401; IT GE930031 A1 19941001

DOCDB simple family (application)

EP 94104767 A 19940325; DE 69403131 T 19940325; IT GE930031 A 19930401