

Title (en)
Reels splicing device.

Title (de)
Bobinenspleissvorrichtung.

Title (fr)
Dispositif de raccordement de bobines.

Publication
EP 0416438 B1 19940216 (DE)

Application
EP 90116448 A 19900828

Priority
DE 3929981 A 19890908

Abstract (en)
[origin: EP0416438A2] The invention relates to a reel splicing device for wrapping webs on packaging machines, with two supply paths, in each case for one wrapping path, which open into a common supply path, a pair of rollers (9) being arranged at the start of the common supply path, and with in each case a cutter (11) for both wrapping webs. In order to make possible automatic connection of two wrapping webs, it is envisaged that, for each wrapping web, a clamping strip (17), which interacts with a support (15), is provided in front of the entrance into the gap of the pair of rollers (9), the clamping strips (17) being releasable both manually and via cam mechanisms coupled to the shafts (4) of the rollers (9), and that the rollers (9) each support a cutter (11), an elastic casing section (12) in front of this in the direction of rotation, and a further casing section (13) offset thereto by approximately 180 DEG, the casing sections (12, 13), which come into engagement with one another during roller rotation and project in relation to the roller periphery, forming the transporting roller gap, and the rollers (9) being mounted offset in relation to one another by 180 DEG. <IMAGE>

IPC 1-7
B65H 19/18; **B65H 19/20**

IPC 8 full level
B65B 41/12 (2006.01); **B65B 41/00** (2006.01); **B65H 19/18** (2006.01); **B65H 19/20** (2006.01)

CPC (source: EP US)
B65H 19/1836 (2013.01 - EP US); **B65H 19/1873** (2013.01 - EP US); **B65H 2301/4631** (2013.01 - EP US); **B65H 2301/4634** (2013.01 - EP US); **B65H 2301/46414** (2013.01 - EP US); **B65H 2301/464145** (2013.01 - EP US); **B65H 2701/1752** (2013.01 - EP US); **B65H 2801/54** (2013.01 - EP US); **B65H 2801/81** (2013.01 - EP US); **Y10T 156/12** (2015.01 - EP US)

Citation (examination)
DE 2350580 A1 19740509 - SCHMERMUND ALFRED

Cited by
WO2008077496A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0416438 A2 19910313; **EP 0416438 A3 19910724**; **EP 0416438 B1 19940216**; CN 1021959 C 19930901; CN 1050007 A 19910320; DE 3929981 C1 19910307; DE 59004596 D1 19940324; JP H03256821 A 19911115; RU 2014254 C1 19940615; US 5131593 A 19920721

DOCDB simple family (application)
EP 90116448 A 19900828; CN 90107479 A 19900908; DE 3929981 A 19890908; DE 59004596 T 19900828; JP 23693390 A 19900906; SU 4831056 A 19900907; US 57874090 A 19900906