

Title (en)

STRAPPING DEVICE FOR PACKAGING MACHINE

Title (de)

UMREIFUNGSVORRICHTUNG FÜR EINE VERPACKUNGSMASCHINE

Title (fr)

DISPOSITIF DE CERCLAGE POUR MACHINE D'EMPAQUETAGE

Publication

EP 2619095 A1 20130731 (FR)

Application

EP 11752484 A 20110831

Priority

- EP 10010114 A 20100922
- EP 2011004379 W 20110831
- EP 11752484 A 20110831

Abstract (en)

[origin: WO2012038027A1] The present invention relates to a strapping device (1) for strapping flat objects stacked into packets for a packaging machine, including strapping means for attaching together the flat objects of each packet, a first transport means for moving each packet from the inlet of the strapping device (1) to the strapping means, as well as second transport means (70) for moving each strapped packet from the strapping means to the outlet of the strapping device (1). The invention is characterized in that the strapping means are grouped together within a self-contained unit (10) which is separate from both the first transport means and the second transport means (70), and which is mounted so that it can be extracted from the strapping device (1) assembly.

IPC 8 full level

B65B 13/04 (2006.01); **B65B 59/04** (2006.01)

CPC (source: EP KR US)

B65B 13/02 (2013.01 - US); **B65B 13/04** (2013.01 - EP KR US); **B65B 59/04** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2012038027A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012038027 A1 20120329; BR 112013006537 A2 20190219; CN 103118947 A 20130522; CN 103118947 B 20141210;
EP 2619095 A1 20130731; JP 2013537870 A 20131007; KR 101536834 B1 20150714; KR 20130079517 A 20130710;
TW 201219263 A 20120516; TW I474952 B 20150301; US 2013167489 A1 20130704

DOCDB simple family (application)

EP 2011004379 W 20110831; BR 112013006537 A 20110831; CN 201180045501 A 20110831; EP 11752484 A 20110831;
JP 2013529566 A 20110831; KR 20137007899 A 20110831; TW 100133679 A 20110920; US 201113821433 A 20110831