

Title (en)

Unit for forming a layer of flat supports for a packaging production machine

Title (de)

Einheit zur Bildung einer Lage aus ebenen Auflagen für eine Maschine zur Herstellung von Verpackungen

Title (fr)

UNITÉ DE FORMATION D'UNE NAPPE DE SUPPORTS PLANS POUR UNE MACHINE DE PRODUCTION D'EMBALLAGES

Publication

EP 2563702 B1 20150923 (FR)

Application

EP 11713684 A 20110401

Priority

- EP 10004579 A 20100430
- EP 2011001653 W 20110401
- EP 11713684 A 20110401

Abstract (en)

[origin: WO2011134583A1] A unit for forming one or more layers (10a, 10b, 10c) of individual flat supports (10), taken from at least a first conveyor device (3), conveying (L) the supports (10) from upstream to downstream at a first speed, comprises: a second conveyor device (6a), conveying (S) the supports (10) from upstream to downstream at a second speed lower than the first speed, positioned downstream of the first conveyor device (3), equipped with a receiving zone (6b) for receiving the supports (10) arriving from the first conveyor device (3), and having a curved portion (8a), and - means for forming the layer (12), which means are positioned above the second conveyor device (6a) and driven at the second speed. The unit is characterized in that the means for forming the layer (12) are situated downstream of the curved portion (8a).

IPC 8 full level

B65H 29/66 (2006.01)

CPC (source: EP KR US)

B65H 5/02 (2013.01 - KR); **B65H 29/66** (2013.01 - KR); **B65H 29/6618** (2013.01 - EP US); **B65H 2301/151** (2013.01 - EP US); **B65H 2404/2532** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

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 2011134583 A1 20111103; CN 102858667 A 20130102; CN 102858667 B 20160601; EP 2563702 A1 20130306; EP 2563702 B1 20150923; ES 2550648 T3 20151111; JP 2013527099 A 20130627; JP 5607238 B2 20141015; KR 101420039 B1 20140715; KR 20130025912 A 20130312; US 2013043105 A1 20130221; US 8893876 B2 20141125

DOCDB simple family (application)

EP 2011001653 W 20110401; CN 201180021797 A 20110401; EP 11713684 A 20110401; ES 11713684 T 20110401; JP 2013506519 A 20110401; KR 20127031479 A 20110401; US 201113695393 A 20110401