Title (en)

Folding box gluing machine for manufacturing folding boxes made from blanks

Title (de)

Faltschachtelklebemaschine zur Herstellung von Faltschachteln aus Zuschnitten

Title (fr)

Machine de collage de boîte pliante destinée à la fabrication de boîtes pliantes à partir de coupes

Publication

EP 1920911 B1 20160127 (DE)

Application

EP 07117763 A 20071002

Priority

DE 102006052647 A 20061108

Abstract (en)

[origin: EP1920911A1] The machine has conveying belts (3, 4) arranged to deliver blanks through an orienting station (1) and a pre-breaker station (2). A rotational embossing mechanism (6) includes rotating driven upper and lower dies (7, 8) arranged between the stations so as to emboss the blanks. The embossing dies are mounted in the machine and are positioned in a crosswise direction. The dies are constructed to produce a script for the blind. The die (7) includes a product-specific male mold and the die (8) includes a product-neutral female mold. Positions of the dies are adjustable relative to each other.

IPC 8 full level

B31B 5/00 (2006.01); **B31B 50/62** (2017.01); **B31B 50/88** (2017.01)

CPC (source: EP US)

B31F 1/07 (2013.01 - EP US); B31B 50/006 (2017.08 - EP US); B31B 50/88 (2017.08 - EP US); B31B 2100/00 (2017.08 - EP US); B31B 2100/0022 (2017.08 - EP US); B31B 2120/30 (2017.08 - EP US); B31F 2201/0753 (2013.01 - EP US); B31F 2201/0776 (2013.01 - EP US)

Cited by

CN103434188A; CN103057162A; CN102398383A; US8926485B2; EP3967485A2; DE102020123762A1; EP2422971A2; DE102011107527A1; US8926486B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1920910 A1 20080514; **EP 1920910 B1 20091230**; AT E453505 T1 20100115; CN 101229695 A 20080730; CN 101229695 B 20110427; DE 502007002475 D1 20100211; DK 1920910 T3 20100406; EP 1920911 A1 20080514; EP 1920911 B1 20160127; EP 2826618 A2 20150121; EP 2826618 A3 20150408; ES 2337513 T3 20100426; JP 2008120080 A 20080529; JP 5053041 B2 20121017; US 2008108489 A1 20080508; US 2010248924 A1 20100930; US 7794379 B2 20100914; US 8506464 B2 20130813

DOCDB simple family (application)

EP 07119051 A 20071023; AT 07119051 T 20071023; CN 200710199760 A 20071108; DE 502007002475 T 20071023; DK 07119051 T 20071023; EP 07117763 A 20071002; EP 14183574 A 20071002; ES 07119051 T 20071023; JP 2007285676 A 20071102; US 79568610 A 20100608; US 87658807 A 20071022