

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

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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

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

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