

Title (en)
Apparatus and method for producing containers formed from sheet material

Title (de)
Vorrichtung und Verfahren zur Herstellung von Behältern aus Folienmaterial

Title (fr)
Machine et procédé pour la réalisation de caisses de matière en feuille

Publication
EP 0965441 A1 19991222 (FR)

Application
EP 99111929 A 19910717

Priority
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• FR 9009457 A 19900724

Abstract (en)
The machine for making cardboard boxes has a rectangular section mandrel (23) to shape the case blank (F1). Supports (42) are provided for an intermediate flap of the blank adjacent to the mandrel, to be rolled (60,61) around the mandrel. Actuators (64,67) fold the blank flaps. The mandrel has folding stops (33-40) corresponding to the fold lines.

IPC 1-7
B31B 3/28

IPC 8 full level
B31B 3/26 (2006.01); **B31B 3/28** (2006.01); **B31B 50/28** (2017.01); **B65D 5/00** (2006.01); **B65D 5/02** (2006.01)

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Citation (applicant)
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• FR 2629012 A1 19890929 - EMBAL SYSTEMS [FR]
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EP 91402004 A 19910717; AT 91402004 T 19910717; AT 93110403 T 19910717; AT 96100892 T 19910717; AT 99111929 T 19910717; AT 99111930 T 19910717; AU 8117191 A 19910718; CA 2047497 A 19910722; DE 69101604 T 19910717; DE 69121910 T 19910717; DE 69131986 T 19910717; DE 69132906 T 19910717; DE 69132907 T 19910717; DE 9116739 U 19910717; DE 91402004 T 19910717; DK 91402004 T 19910717; DK 93110403 T 19910717; EP 93110403 A 19910717; EP 96100892 A 19910717; EP 99111929 A 19910717; EP 99111930 A 19910717; ES 91402004 T 19910717; ES 93110403 T 19910717; ES 96100892 T 19910717; ES 99111929 T 19910717; ES 99111930 T 19910717; FI 913549 A 19910724; FR 9009457 A 19900724; GR 960402488 T 19960920; HK 27897 A 19970306; HK 97101576 A 19970718; HU 246891 A 19910723; IE 241791 A 19910710; IL 9873691 A 19910704; JP 18227491 A 19910723; JP 2004281576 A 20040928; JP 2753499 A 19990204; JP 2759799 A 19990204; KR 910012673 A 19910724; NO 912873 A 19910723; NZ 23882491 A 19910703; OA 60050 A 19910724; PT 9842391 A 19910723; US 72711791 A 19910709