

Title (en)

Method of continuously shaping boxes from flat blanks

Title (de)

Verfahren zum kontinuierlichen Formgeben von flachen Zuschnitten in Schachteln

Title (fr)

Procédé de façonnage en continu de caisses à partir de flans plats

Publication

EP 0988963 A3 20000510 (DE)

Application

EP 99118564 A 19990920

Priority

DE 19843490 A 19980922

Abstract (en)

[origin: EP0988963A2] The carton blanks are surrendered from a stack one by one and are moved by a conveyer system(5). As the carton blank(2) advances, it is accompanied underneath by a form and on top by a press, which advance at the same speed. The form and press are operated in concert to fold the carton blank, before returning to the in-feed point for the next carton. An Independent claim is included for an assembly(1) to carry out the above process.

IPC 1-7

B31B 1/44; **B31B 1/04**; **B31B 17/44**

IPC 8 full level

B31B 3/44 (2006.01); **B31B 17/00** (2006.01); **B31B 50/00** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP US); **B31B 50/26** (2017.07 - EP US)

Citation (search report)

- [X] US 3817682 A 19740618 - LEFEBVRE A, et al
- [X] US 3648573 A 19720314 - FEBVRE ALFRED B LE, et al
- [A] US 5024641 A 19910618 - BOISSEAU JEAN-LOUIS [FR]
- [A] US 3913466 A 19751021 - BAYER OLDRICH, et al

Cited by

FR2839680A1; EP1362689A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19843490 A1 20000323; EP 0988963 A2 20000329; EP 0988963 A3 20000510; US 6467241 B1 20021022

DOCDB simple family (application)

DE 19843490 A 19980922; EP 99118564 A 19990920; US 40038499 A 19990921