Title (en)

Method and apparatus for making & transferring shells for cans.

Title (de)

Verfahren und Einrichtung zum Herstellen und Übertragen von Dosenschalen.

Title (fr)

Procédé et dispositif pour fabriquer et transférer des coques pour boîtes.

Publication

EP 0438106 B1 19940413 (EN)

Application

EP 91100387 A 19910115

Priority

• US 46781190 A 19900119
• US 46781890 A 19900119

Abstract (en)

[origin: EP0438106A1] The shells are formed in a two-step operation in which shell preforms are formed at a first station within the press and then transferred to second station where they are formed into completed shells. The first station includes first (FS-1) and second (FS-2) rows of tooling sets with the tooling sets of the first row being located in alternating transverse positions relative to the tooling sets of the second row. Similarly, the second station includes third (SS-3) and fourth (SS-4) rows of tooling sets in which the tooling set of the third row are located in alternating transverse positions relative to the tooling sets of the fourth row, and the tooling sets of the third and fourth rows are located for receiving the shell preforms from the tooling sets of the second and first rows, respectively. The shell preforms formed in the first row are transferred along a lower transfer plate LP within the press to the fourth row tooling, and the shell preforms formed in the second row are transferred along an upper transfer plate UP within the press to the third row tooling. <IMAGE>

IPC 1-7

B21D 51/26

IPC 8 full level

B21D 43/00 (2006.01); **B21D 45/04** (2006.01); **B21D 51/38** (2006.01); **B21D 51/44** (2006.01)

CPC (source: EP KR)

B21D 51/26 (2013.01 - KR); **B21D 51/38** (2013.01 - EP)

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DOCDB simple family (publication)

EP 0438106 A1 19910724; **EP 0438106 B1 19940413**; AU 627973 B2 19920903; AU 6922391 A 19910725; DE 69101644 D1 19940519; DE 69101644 T2 19940728; JP H04220127 A 19920811; KR 910014161 A 19910831

DOCDB simple family (application)

EP 91100387 A 19910115; AU 6922391 A 19910109; DE 69101644 T 19910115; JP 462791 A 19910118; KR 910000812 A 19910118