

Title (en)

Folding device, especially folding turret, with folding mandrel

Title (de)

Faltvorrichtung, insbesondere Faltrevolver, mit Faltdorn

Title (fr)

Dispositif de pliage, spécialement revolver de pliage, avec mandrin de pliage

Publication

EP 0888970 B1 20001206 (DE)

Application

EP 98112275 A 19980702

Priority

DE 19728750 A 19970704

Abstract (en)

[origin: EP0888970A1] The tool is used for folding cardboard blanks especially for manufacture of cigarette packets. One of the narrow sidewalls (15) of the folding tool for the laying of the relatively overlapping blank sections (23,24) has a smaller width (B15) than the opposite narrow sidewall (14). As a result of this the fold mandrel (10) itself has a trapezoidal cross-section to achieve an almost exact rectangular cross-section of the finished packet. The angle between a large faced wall (12,13) and the adjacent narrow sidewall is a right-angle.

IPC 1-7

B65B 19/24

IPC 8 full level

B65B 19/02 (2006.01); **B65B 19/24** (2006.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0888970 A1 19990107; **EP 0888970 B1 20001206**; BR 9802335 A 19990601; CN 1106323 C 20030423; CN 1204605 A 19990113; DE 19728750 A1 19990107; DE 59800375 D1 20010111; ES 2152729 T3 20010201; JP H1191712 A 19990406; KR 19990013603 A 19990225; US 6125611 A 20001003

DOCDB simple family (application)

EP 98112275 A 19980702; BR 9802335 A 19980703; CN 98103150 A 19980703; DE 19728750 A 19970704; DE 59800375 T 19980702; ES 98112275 T 19980702; JP 19082898 A 19980706; KR 19980026948 A 19980704; US 10897298 A 19980702