

Title (en)

Movable upper tool for the separation of the blanks from a sheet processed in a press for the production of packaging material

Title (de)

Bewegliches Oberwerkzeug zur Trennung der Schnittschablonen von einem Bogen, der durch eine Presse zur Herstellung von Verpackungsmaterial bearbeitet ist

Title (fr)

Outil supérieur mobile pour la séparation des poses d'une feuille travaillée par une presse de fabrication d'emballages

Publication

EP 0692348 B1 19990317 (FR)

Application

EP 95110540 A 19950706

Priority

CH 224894 A 19940714

Abstract (en)

[origin: EP0692348A1] The tool comprises a base plate (3) having openings (5), from the lower face (24) of which are fixed punches (4,4a). The openings are located along two orthogonal axes, one of which is inclined relative to one of the tool base plate edges at an angle between fifteen and twenty degrees. The tool works with a lower tool separating the cut-out sheets (2). The punches deform under the pressure engendered by downward displacement of the upper tool and meet a solid separation bar (9). One of the lateral faces of the punch section is tangent to one of the openings so that the pitch between the punches provides an identical total pressure from them, on the cut-out to be separated, near one lower tool separation bar, whatever the position occupied by the separation bars. The non-separated sheet has a front nipped piece (22) gripped by pincers (23) which transport this sheet to the cut-out separation and reception station. <IMAGE>

IPC 1-7

B26D 7/18

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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EP 0692348 A1 19960117; **EP 0692348 B1 19990317**; AT E177671 T1 19990415; AU 2490795 A 19960125; AU 690272 B2 19980423; BR 9503300 A 19960709; CA 2153860 A1 19960115; CA 2153860 C 19990803; CH 690027 A5 20000331; CN 1069861 C 20010822; CN 1127189 A 19960724; DE 69508314 D1 19990422; DE 69508314 T2 19990826; DK 0692348 T3 19991011; ES 2130474 T3 19990701; JP 3159892 B2 20010423; JP H0852697 A 19960227; KR 0174643 B1 19990218; KR 960004201 A 19960223; TW 283679 B 19960821; US 6325263 B1 20011204

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