

Title (en)
DEVICE FOR PRODUCING CARDBOARD OR CORRUGATED PAPER PATTERNS OR TEMPLATES

Publication
EP 0116811 B1 19861112 (DE)

Application
EP 83810078 A 19830222

Priority
EP 83810078 A 19830222

Abstract (en)
[origin: EP0116811A1] 1. Device for making patterns or models of cardboard, paper, or corrugated board, having a height- and tilt-adjustable rectangular work table (1) and a support (2) running at right angles to the longitudinal axis of the table and fixedly attached to the table, on which support a slide block (3) reciprocatingly displaceable by hand over the useful width of the table and having a spring-biased handle (4) is disposed, characterized in that the slide block (3) is equipped with a cutting tool (5) and a grooving tool (6) which can be brought selectively into working position by actuation of the handle (4), the grooving tool (6) comprising either three interchangeable shaping rollers (16) disposed one behind the other on a sliding carriage (11) or a single roller (18) for marking corrugated board (44), the three shaping rollers (16) grooving the cardboard or paper in co-operation with two shaping rails (10) attached to the table (1) and having adjustable spacing between them or in co-operation with the shaping rails (10) and a backing film (12) laid over the shaping rails (10), which grooving tool (6) is exchangeable and replaceable by a scoring tool (7), that the cutting operation can be switched over to the grooving operation and vice versa by means of a push button (27) provided on the handle (4), which push button is operatively connected via its presser bar (52) and gearwheels (33, 34) to one of two U-supports (28, 29), one of which (28) bears the grooving tool (6) and the other (29) the cutting tool (5), that the slide block (3) can be stopped on the support (2) after the terminated working operation by means of a spring-biased stop bolt (51), and that there is provided for the cardboard, paper, or corrugated board to be cut, grooved, or scored a feeder device and a storage device registering all positions of repeat or series operations which comprises a program rail (35) having recesses (30) into which setscrews (31) with nuts (79) can be screwed fast, which nuts have cones (83) for the snapping-in of positioning pins (80).

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B26D 9/00

IPC 8 full level
B26D 9/00 (2006.01); **B26F 1/42** (2006.01); **B31F 1/08** (2006.01)

CPC (source: EP)
B26D 9/00 (2013.01); **B26F 1/42** (2013.01); **B31F 1/08** (2013.01)

Cited by
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