

Title (en)
Device for producing a fold-up sheet.

Title (de)
Vorrichtung zum Falten von Bögen.

Title (fr)
Dispositif pour plier une feuille.

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Application
EP 90200034 A 19900105

Priority
NL 8900045 A 19890110

Abstract (en)
The invention relates to a device for producing a fold-up sheet, such as e.g. a map or a plan, said sheet being provided with a number of zigzag-shaped folding lines extending parallel to each other, and with further folding lines extending parallel to each other, and transversely to said zigzag-shaped folding lines, whereby said further folding lines extend through the corner points in which each time two adjacent parts of the zigzag-shaped folding lines join each other. The device comprises a forming block (6) having a boundary plane built up of forming surfaces (9), which slope downwards from a number of zigzag-shaped boundary lines (8) extending parallel to each other and being located in one plane, and which intersect each other according to a number of further lines (10), which are located in a second plane extending parallel to the first plane and which extend zigzag-shaped and parallel to the former zigzag-shaped lines (8), and according to lines (11) extending between the corner points where the parts of the zigzag-shaped lines (8, 10) including an angle with each other intersect. Further there are provided a number of stamps (12, 18), which are movable up and down relative to the forming block, whereby the side of each stamp (12, 18) facing the forming block is designed such that said side fits on a forming surface (9) sloping downwards from a zigzag-shaped boundary line (8) at one side of said boundary line.

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B65H 45/12

IPC 8 full level
B65H 45/12 (2006.01)

CPC (source: EP)
B65H 45/12 (2013.01)

Citation (search report)
• [Y] US 4008591 A 19770222 - VOS LEONARDUS, et al
• [Y] US 3700230 A 19721024 - COOK THOMAS L
• [YD] PATENT ABSTRACTS OF JAPAN vol. 5, no. 22 (M-54)(694) 10 February 1981, & JP-A-55 151460 (KOUBE SEISAKUSHO) 26 November 1980,

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CN105752739A; FR2970472A1; US7211311B2; WO0222375A1; WO2012095581A1

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