

Title (en)

Blank for the production of a box made of folding sheet material, and box produced of such blank.

Title (de)

Zuschnitt zur Herstellung einer Faltschachtel und aus einem solchen Zuschnitt hergestellte Faltschachtel.

Title (fr)

Flanc pour la production d'une boîte pliante, et boîte fabriquée d'un tel flanc.

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Application

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Priority

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Abstract (en)

The invention relates to a blank of folding sheet material such as cardboard for the production of a box with flanges (5, 5') running along a first pair of side walls (3, 3') at a distance from the top edge thereof. To improve the stacking strength of such box and to allow that such box can be made of solid cardboard, the blank to make such box is designed such that the flanges (5, 5') are connected to the second pair of side walls (4, 4') by corner pieces (7, 7') which can have extensions (6, 6') so that angle sections are present in the corners of the box. According to the present invention, the box can further be strengthened by additional corner reinforcements (11), which are also part of the blank. To improve prevention of mutual movement of boxes in a stack, lips (8, 8') can be situated above the flanges (5, 5') at the first pair of side walls (3, 3'), forming stops that can interact with stop edges (9, 9') situated on the outside of the next box placed with the bottom on the flanges mentioned. The blank to make a box according to one of the embodiments of the present invention is designed such that waste of material is minimized. <IMAGE>

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Cited by

US7017798B2; EP0485032A1; US6640975B2; EP0545504A1; CN105793163A; EP1772386A1; US9796498B2; US6712214B1; DE202012007445U1; US7669754B2; WO0174671A3; WO03016153A1; DE202012010231U1; WO2014063827A1

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