Title (en)

METHOD AND DEVICE FOR THE STACKING OF FLAT OBJECTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STAPELN VON FLACHEN GEGENSTÄNDEN

Title (fr)

PROCEDE ET DISPOSITIF D'EMPILAGE D'OBJETS PLATS

Publication

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Application

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Abstract (en)

[origin: WO0208101A1] Stacks (20) are formed, whereby flat objects (2), in particular, printed products, are carried individually by retaining elements (3) in the region of an object edge (10), groups (1) of objects (2) supported one behind the other are arranged in the form of a stack, whereby the regions of the objects opposite to the retained edges (10) are superimposed, whilst the objects remain fixed, the groups of objects, arranged in the form of a stack, are stabilised by means of suitable agents and only then are the objects (2) released from the retainer unit thereof. A stabilisation of the groups (1), arranged in the form of a stack, is achieved, whereby the regions of the objects opposite the retained edges (10) are placed on a stacking table (23), which may move vertically in a stacking shaft (22) and/or on an auxiliary support (31) and pressed or tightened with a suitable means. Before being placed on a stacking table (23), sequentially formed groups (1), arranged in the form of a stack, may be alternately rotated about the stacking axis (A), such that they are positioned as layers of an alternating stack in the stacking shaft (22). Said stacking is applicable, in particular, for the stacking of printed products and has the advantage over conventional stacking methods, that significantly fewer uncontrolled and uncontrollable movements of the products occur.

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