

Title (en)

DEVICE FOR STACKING FLAT, FLEXIBLE OBJECTS

Title (de)

VORRICHTUNG ZUM EINSTAPELN FLACHER, BIEGSAMER GEGENSTÄNDE

Title (fr)

DISPOSITIF POUR EMPILER DES OBJETS SOUPLES PLATS

Publication

EP 1708943 A1 20061011 (DE)

Application

EP 05706947 A 20050121

Priority

- EP 2005000574 W 20050121
- DE 102004004493 A 20040129

Abstract (en)

[origin: WO2005073116A1] To the side of a plane of conveyance for the path of the objects (3) into the stacking compartment, one or more hook-shaped elements (1) for diverting and supporting the, with regard to the direction of movement, rear portions of the larger objects (3) are placed one above the other in the direction of the stack support (10) and are fastened at one end to a shaft (13) driven in a controlled manner. When an object (3) is entering the stacking compartment, a sensor signal generated by the front edge of the entering object (3) is released. The hook-shaped element(s) (1) is/are oriented in such a manner that the object (3) enters the hook-shaped element(s) (1) and, at the same time, the rear edges of the large objects of the stack (7) are kept out of the insertion channel. The hook-shaped element (1) is, insync with the movement of the object, swung out from the plane of conveyance whereby enabling the object (3) to enter the stacking compartment without being obstructed.

IPC 8 full level

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CPC (source: EP KR)

B65H 29/14 (2013.01 - EP KR); **B65H 29/22** (2013.01 - EP KR); **B65H 31/06** (2013.01 - EP KR); **B65H 2301/4214** (2013.01 - EP)

Citation (search report)

See references of WO 2005073116A1

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