Title (en)

Device for stacking printed products continuously arriving in an imbricated product stream.

Title (de)

Vorrichtung zum Stapeln von insbesondere in einem Schuppenstrom anfallenden Druckereiprodukten.

Title (fr)

Dispositif pour empiler des articles imprimés arrivant de façon continue en formation imbriquée.

Publication

**EP 0309745 B2 19950628 (DE)**

Application

**EP 88113997 A 19880827**

Priority

CH 385387 A 19871002

Abstract (en)

[origin: JPH01110473A] PURPOSE: To provide a fine stacked body of printed products, and to shorten the forming cycle time of the stacked body by providing a stacking cylinder with a holding element capable of being moved forward and backward, and rotating the holding element with the stacking cylinder per each 180 degree against a vertical shaft. CONSTITUTION: A stacking cylinder 46 is provided with a holding element 90 at an upper side thereof so that the holding element 90 can be inserted into the stacking cylinder 46 and that drawn from the cylinder, and rotated around a practically vertical shaft 82 with the stacking cylinder 46 periodically, desirably at per each 180 degree. When the holding element 90 is inserted into the stacking cylinder 46, a stacking table 56 is stood, and the printed products 14 inside the stacking cylinder 46 is compressed so as to form a fine partial stacked body or the fine perfect stacked body. Furthermore, the partial stacked body can be turned each other so as to form the fine perfect stacked body, and since the stacking cylinder 46 is rotated with the insertion of the holding element 90, quick rotation is realized without sliding the stacked body, and the cycle time for forming the imbricated body can be shortened.

IPC 1-7

**B65H 29/50**; B65H 29/14

IPC 8 full level

**B65H 29/14** (2006.01); **B65H 29/50** (2006.01); **B65H 31/26** (2006.01); **B65H 33/08** (2006.01)

CPC (source: EP US)

**B65H 29/14** (2013.01 - EP US); **B65H 29/50** (2013.01 - EP US); **B65H 33/08** (2013.01 - EP US); B65H 2220/09 (2013.01 - EP US); B65H 2301/4223 (2013.01 - EP US); B65H 2301/44712 (2013.01 - EP); B65H 2301/44732 (2013.01 - EP); B65H 2301/4474 (2013.01 - EP); B65H 2402/351 (2013.01 - EP US); B65H 2701/1932 (2013.01 - EP US); Y10S 414/12 (2013.01 - EP US)

Cited by

EP2368826A1; EP1826164A1; DE4030643A1; US5447410A; US7520506B2; US8794134B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

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