

Title (en)

METHOD AND DEVICE FOR APPLYING A PROTECTIVE COATING TO STACKS OF PRINTED PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SCHUTZUMHÜLLUNG VON STAPELN VON DRUCKEREIERZEUGNISSEN

Title (fr)

PROCEDE ET DISPOSITIF D'ENVELOPPEMENT DE PROTECTION DE PILES D'IMPRIMES

Publication

**EP 1140630 B1 20030102 (DE)**

Application

**EP 99953804 A 19991013**

Priority

- CH 242298 A 19981207
- EP 9907690 W 19991013

Abstract (en)

[origin: WO0034127A1] Stacks (1) of printed products which products are characterized in that they each have an edge of increased thickness are wrapped in such a manner that those stack sides in which the above-mentioned edges are arranged are completely covered by the coating (4) and are thus well protected. Since said stacks (1) are less stable in a direction transversal to the mentioned edges, the stacks (1) are discharged from a stacking shaft (20) in which the stacks are produced in a direction parallel to the mentioned edges and directly between the forks (12 and 13) of a pair of forks (12/13). The stack (1) is compressed between the forks (12 and 13) and the pair of forks (12/13) containing the compressed stack (1) is guided through a curtain (14) of a coating material. Said coating material is closed around the pair of forks (12/13) and the stack (1). Once the coating is applied, the coated stack (1/4) is separated from the pair of forks (12/13) by performing a movement of the pair of forks (12/13) relative to the stack (1/4) and is conveyed on.

IPC 1-7

**B65B 25/14**

IPC 8 full level

**B65B 11/10** (2006.01); **B65B 25/14** (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP)

**B65B 25/14** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0034127 A1 20000615**; AT E230369 T1 20030115; AU 1036800 A 20000626; AU 759655 B2 20030417; CA 2353836 A1 20000615; DE 59903938 D1 20030206; DK 1140630 T3 20030422; EP 1140630 A1 20011010; EP 1140630 B1 20030102; ES 2190262 T3 20030716; JP 2002531340 A 20020924; PL 348061 A1 20020506; RU 2230691 C2 20040620

DOCDB simple family (application)

**EP 9907690 W 19991013**; AT 99953804 T 19991013; AU 1036800 A 19991013; CA 2353836 A 19991013; DE 59903938 T 19991013; DK 99953804 T 19991013; EP 99953804 A 19991013; ES 99953804 T 19991013; JP 2000586588 A 19991013; PL 34806199 A 19991013; RU 2001118468 A 19991013