

Title (en)

Method und device for attaching inserts to printed products

Title (de)

Verfahren und Vorrichtung zum Verbinden von Ergänzungsprodukten mit Druckereierzeugnissen

Title (fr)

Méthode et dispositif pour attacher des suppléments à des produits d'imprimerie

Publication

**EP 1112861 B1 20040107 (DE)**

Application

**EP 00122324 A 20001023**

Priority

CH 238599 A 19991228

Abstract (en)

[origin: CA2329651A1] The apparatus, which serves to join flat supplementary products (2) provided with an adhesive (3) to printed products (9), has n holding elements (20 1, 20 2, ..., 20n) which are driven on a circulating path (B1) about a first axis (x), by means of which supplementary products (2) are gripped individually at at least one pick-up point (A1) and, after an appropriate rotation about the first axis (x), can be joined to a printed product (9) at a discharge point (A2). As they are transported from the pick-up point to the discharge point (A1; A2), the holding elements (201, 202, ..., 20n) , which are mounted such that they can rotate about a second axis (y1; y2; ... ; y n) running at least approximately parallel to the first axis (x), are rotated about the second axis (Y1; Y2; ... ; Y n) and guided into the area of the printed products (9), which are conveyed :in a suspended manner and on a second path (B2) at least approximately tangentially to the circulating path (B1), after which, at the discharge point (A2), a printed product (9), opened if appropriate, is supported laterally by means of a leading or trailing holding element (20 1; 20 2) and, by means of the leading or trailing holding element (20 2; 20 1), is joined to a supplementary product (2) at an envisaged point.

IPC 1-7

**B42C 1/10**; **B65H 37/04**

IPC 8 full level

**B65B 61/20** (2006.01); **B42C 1/10** (2006.01); **B65C 5/00** (2006.01); **B65C 9/36** (2006.01); **B65H 5/12** (2006.01); **B65H 37/00** (2006.01); **B65H 37/04** (2006.01)

CPC (source: EP US)

**B42C 1/10** (2013.01 - EP US); **B65H 37/04** (2013.01 - EP US); **B65H 2406/3454** (2013.01 - EP US); **Y10T 156/1093** (2015.01 - EP US); **Y10T 156/17** (2015.01 - EP US); **Y10T 156/1744** (2015.01 - EP US); **Y10T 156/1746** (2015.01 - EP US); **Y10T 156/1768** (2015.01 - EP US); **Y10T 156/1773** (2015.01 - EP US)

Cited by

EP2179952A1; DE102017109118A1; EP1275607A1; EP1516839A1; WO2021239339A1; EP2592031A1; US8419879B2

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)

**EP 1112861 A1 20010704**; **EP 1112861 B1 20040107**; AT E257434 T1 20040115; AU 7174400 A 20010705; AU 773901 B2 20040610; CA 2329651 A1 20010628; CA 2329651 C 20090428; DE 50004978 D1 20040212; DK 1112861 T3 20040223; ES 2209748 T3 20040701; JP 2001233313 A 20010828; RU 2259936 C2 20050910; US 2001004918 A1 20010628; US 6533016 B2 20030318

DOCDB simple family (application)

**EP 00122324 A 20001023**; AT 00122324 T 20001023; AU 7174400 A 20001121; CA 2329651 A 20001227; DE 50004978 T 20001023; DK 00122324 T 20001023; ES 00122324 T 20001023; JP 2000398036 A 20001227; RU 2000132979 A 20001227; US 72947900 A 20001204