

Title (en)

Method and device for inserting at least one insert in multi-sheet printed products

Title (de)

Verfahren und Vorrichtung zum Einführen zumindest einer Beilage in mehrblättrige Druckprodukte

Title (fr)

Procédé et dispositif d'introduction d'au moins un supplément dans des produits d'impression multi-feuillets

Publication

EP 2412538 A3 20120229 (DE)

Application

EP 11174616 A 20110720

Priority

CH 12602010 A 20100730

Abstract (en)

[origin: EP2412538A2] The method involves protruding out of a printed sheet (27) and/or individual sheet (6) from a multi-leaf printing product (3), which is opened at separation points. The separation points are widened out in the multi-leaf printing product, and an insert (25) is guided into the separation points. A movement process is implemented in an opener element (20) in a conveying direction (F) of a control curve, where speed of a driver (15) and the opener element is changed in a synchronous and cyclic manner. The opener element and the driver are driven with respective speeds. An independent claim is also included for a guiding device for guiding the insert into the multi-leaf printing product.

IPC 8 full level

B42C 1/10 (2006.01); **B41F 13/68** (2006.01); **B65H 5/30** (2006.01); **B65H 39/055** (2006.01); **B65H 39/075** (2006.01)

CPC (source: EP US)

B42C 1/10 (2013.01 - EP US); **B65H 5/302** (2013.01 - EP US); **B65H 39/055** (2013.01 - EP US); **B65H 39/075** (2013.01 - EP US); **B42C 19/06** (2013.01 - EP US); **B42P 2261/04** (2013.01 - EP US); **B65H 2301/141** (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2301/431716** (2013.01 - EP US); **B65H 2301/4352** (2013.01 - EP US); **B65H 2301/4533** (2013.01 - EP US); **B65H 2403/513** (2013.01 - EP US); **B65H 2404/632** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Citation (search report)

- [IY] US 6283466 B1 20010904 - JAEGER ERICH [CH]
- [Y] US 3722877 A 19730327 - WETTER J

Cited by

GB2524528A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2412538 A2 20120201; **EP 2412538 A3 20120229**; **EP 2412538 B1 20150311**; CN 102344047 A 20120208; JP 2012030976 A 20120216; JP 5750003 B2 20150715; US 2012068397 A1 20120322; US 8371571 B2 20130212

DOCDB simple family (application)

EP 11174616 A 20110720; CN 201110221865 A 20110729; JP 2011167837 A 20110729; US 201113195322 A 20110801