

Title (en)
INSERTION APPARATUS AND INSERTION METHOD

Title (de)
EINSTECKVORRICHTUNG UND EINSTECKVERFAHREN

Title (fr)
DISPOSITIF D'INSERTION ET PROCÉDÉ D'INSERTION

Publication
EP 2297014 B1 20120118 (DE)

Application
EP 09761229 A 20090609

Priority
• CH 2009000187 W 20090609
• CH 8882008 A 20080611

Abstract (en)
[origin: CH705575B1] The device (1) has a loop (10) having compartments (12) around a rotational axis (D) of a closed circular path (U). The partition walls (14) are provided in compartments along the direction of rotation. The apertures (16) are provided in the compartments, for insertion of folded printed product (2) at supply location (S1). A subject matter (8) is inserted into the folded product through a controllable opening (20) for maintaining folded product in open state, at supply location (S2). The partition walls are flexed and compartments are arranged around the rotational axis. An independent claim is included for plug-in method for inserting flattened subject matter into foldable printed product.

IPC 8 full level
B65H 29/40 (2006.01); **B41F 13/68** (2006.01); **B65H 39/065** (2006.01)

CPC (source: EP US)
B41F 13/68 (2013.01 - EP US); **B65H 5/30** (2013.01 - EP US); **B65H 5/305** (2013.01 - EP US); **B65H 29/003** (2013.01 - EP US); **B65H 29/40** (2013.01 - EP US); **B65H 39/065** (2013.01 - EP US); **B65H 2301/431711** (2013.01 - EP US); **B65H 2301/431715** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/44765** (2013.01 - EP US); **B65H 2404/655** (2013.01 - EP US); **B65H 2404/6551** (2013.01 - EP US); **B65H 2404/6582** (2013.01 - EP US); **B65H 2406/12** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

C-Set (source: EP US)
1. **B65H 2301/44712 + B65H 2220/01**
2. **B65H 2301/44765 + B65H 2220/01 + B65H 2220/02**

Cited by
WO2013163770A1; EP2837587A2; CN104395213A; EP2837587A3; WO2013163768A1

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2009149571 A1 20091217; AT E541804 T1 20120215; CH 705575 B1 20130415; DK 2297014 T3 20120416; EP 2297014 A1 20110323; EP 2297014 B1 20120118; US 2011109032 A1 20110512; US 8235374 B2 20120807

DOCDB simple family (application)
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