Title (en)

INSERTING SYSTEM

Title (de)

KUVERTIERVORRICHTUNG

Title (fr)

DISPOSITIF DE MISE SOUS ENVELOPPE

Publication

EP 3183125 A1 20170628 (DE)

Application

EP 15752987 A 20150807

Priority

- CH 12612014 A 20140822
- EP 2015068224 W 20150807

Abstract (en)

[origin: WO2016026712A1] The invention relates to an inserting system for inserting an envelope contents 5 in an envelope 2, said inserting system 1, 1' comprising a holder 6 for empty envelopes, a flap opener 7 for opening an envelope flap 3 of the envelope 2, conveying elements 8 for conveying the envelope 2 from the holder 6 to a packing pocket 9 where the envelopes are filled, a supply device for supplying the envelope contents 5 to the packing pocket and into the packing pocket 9, and removal elements 11 for forwarding the filled envelope 2'. The conveying elements 8 comprise a funnel 12 for orientation of the envelope 2 relative to the packing pocket 9, said funnel being mobile at a first angle (W1) with respect to a flap guide 13 of the packing pocket 9 mounted on the inserting system 1, 1' or on a mounting rail. The conveying elements further comprise at least one pulling means 14 for at least partly pulling the envelope 2 over the packing pocket 9, said means cooperating temporarily with the flap guide 13 of the packing pocket 9 and being mobile at a second angle (W2) with respect to the flap guide 13. The conveying elements finally comprise means for synchronization 16 of the movement of the funnel 12 and of the pulling means 14.

IPC 8 full level

B43M 3/04 (2006.01)

CPC (source: CN EP US)

B43M 3/045 (2013.01 - CN EP US)

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)

WO 2016026712 A1 20160225; CH 710009 A2 20160229; CN 107148359 A 20170908; CN 107148359 B 20190917; EP 3183125 A1 20170628; SG 11201701290R A 20170330; US 10583684 B2 20200310; US 2017267017 A1 20170921

DOCDB simple family (application)

EP 2015068224 W 20150807; CH 12612014 A 20140822; CN 201580057412 A 20150807; EP 15752987 A 20150807; SG 11201701290R A 20150807; US 201515505396 A 20150807