

Title (en)  
ENVELOPE INSERTION DEVICE

Title (de)  
KUVERTIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE MISE SOUS ENVELOPPE

Publication  
**EP 3463926 A1 20190410 (DE)**

Application  
**EP 17722766 A 20170510**

Priority  
• CH 6892016 A 20160530  
• EP 2017061197 W 20170510

Abstract (en)  
[origin: WO2017207233A1] The invention relates to an envelope insertion device for inserting contents of an envelope (13) into an envelope (5), wherein the envelope insertion device K comprises an envelope shaft (11) for empty envelopes (5), transport elements (1, 2, 14, 15, 50, 70, 80, 81) for transporting the envelope (5) from the envelope shaft (11) to a storage bag (20) on which the envelopes (5) are filled, a feed apparatus (22, 23) for feeding the contents of the envelope (13) to the storage bag and into the storage bag (20), and outfeed elements (14, 30, 31) for further conveying of the envelope (5), which is filled with the envelope contents (13). The transport elements comprise an envelope tunnel (80), which is movably mounted about a pivot axis (3) on the envelope insertion device K, having an upper tunnel guide (82) and a lower tunnel guide (83) for alignment of the envelope (5) on the storage bag (20), and pivoting means (62, 90, 98, 99), which are operatively connected to the envelope tunnel, and at least one drivable envelope pusher roller (70). The envelope pusher roller (70) is positioned in a first position, which the envelope tunnel (80) and the envelope pusher roller (70) assume relative to the storage bag (20), from below against the end region (88) placed path-downward of the upper tunnel guide (82) and a lower edge of an end edge (89) of the end region (88) is offset downward relative to a plane defined by the guide surface (24) of the storage bag.

IPC 8 full level  
**B43M 3/04** (2006.01)

CPC (source: EP US)  
**B43M 3/045** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017207233A1

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)  
**CH 712495 A1 20171130**; EP 3463926 A1 20190410; EP 3463926 B1 20220316; SG 11201810720T A 20181228; US 10933683 B2 20210302; US 2019344605 A1 20191114; WO 2017207233 A1 20171207

DOCDB simple family (application)  
**CH 6892016 A 20160530**; EP 17722766 A 20170510; EP 2017061197 W 20170510; SG 11201810720T A 20170510; US 201716306392 A 20170510