

Title (en)
DEVICE AND METHOD FOR INSERTING SHEETS INTO AN ENVELOPE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM EINFÜLLEN VON BLÄTTERN IN EIN KUVERT

Title (fr)
SYSTEME ET PROCÉDÉ POUR INSERER DES FEUILLES DANS UNE ENVELOPPE

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Application
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CH 0300302 W 20030512

Abstract (en)
[origin: US7788880B2] The invention relates to a device for inserting sheets into an envelope, comprising a holding device (11) for holding the envelope, transport means (15) for feeding the sheets to be inserted to the holding device (11), a feed device (7, 8, 9) for feeding the envelope to the holding device (11), along a feed direction, and a removal device (8, 22) for removing the filled envelope from the holding device (11), along a removal direction. The invention is characterized in that the feed device (7, 8, 9) and the removal device (8, 22) are disposed relative to the holding device (11) in such a manner that a first angle between the feed device and a main surface of the holding device (11) and a second angle between the removal direction and the main surface of the holding device (11) are predetermined in a fixed manner and are different from each other. The invention allows to simplify the construction of the device, thereby reducing its technical complexity and failure proneness. The elimination of a swiveling movement results in a gain in time, thereby increasing the capacity of the device.

IPC 8 full level
B43M 3/04 (2006.01)

CPC (source: EP US)
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WO 2004098905 A1 20041118; AT E399653 T1 20080715; AU 2003222706 A1 20041126; BR 0318299 A 20060711; BR 0318299 B1 20131231; CN 100439127 C 20081203; CN 101508221 A 20090819; CN 101508221 B 20120711; CN 1771138 A 20060510; DE 50310086 D1 20080814; DK 1622778 T3 20081110; EP 1622778 A1 20060208; EP 1622778 B1 20080702; EP 1622778 B2 20180124; ES 2315488 T3 20090401; JP 2006525879 A 20061116; JP 4542432 B2 20100915; PT 1622778 E 20081014; US 2007040316 A1 20070222; US 7788880 B2 20100907

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