

Title (en)
Envelope filling machine

Title (de)
Kurvertiermaschine

Title (fr)
Machine d'insertion de courrier

Publication
EP 1473173 A2 20041103 (EN)

Application
EP 04010278 A 20040430

Priority
IT BO20030253 A 20030430

Abstract (en)
The envelope filling machine for introducing sheets (2) into envelopes (3) includes distributing devices (4) for feeding the sheets (2) to a sliding surface (5), transferring means (11), operated along the sliding surface (5) to transfer the sheets (2) toward a envelope filling station (10) and feeding means (30), aimed at supplying individual envelopes (3) to be sent to the envelope filling station (10) by guiding means (14), with the aperture turned upward and facing the direction from which the sheets (2) arrive. The envelope filling station (10) includes an elevator group (20), equipped with distributing means (21), situated at the side opposite to the one where the sheets (2) arrive, for engaging the envelopes (3) to raise a series of envelopes (3), arranged one over another and bring each envelope (3) from a lower entrance position in the envelope filling station (10) to a higher position, substantially at the same level as the sliding surface (5), to be ready for the introduction of the sheets (2).

IPC 1-7
B43M 3/04; **B43M 3/00**

IPC 8 full level
B43M 3/00 (2006.01); **B43M 3/04** (2006.01)

CPC (source: EP)
B43M 3/045 (2013.01)

Cited by
US7475522B2; DE102011078979A1; EP2241451A1; EP2241452A1; US7392654B1; DE102011004344A1; WO2012110170A1; WO2013007548A1; DE102011004346A1; WO2012110171A2; EP2000324A1; EP2678171B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1473173 A2 20041103; **EP 1473173 A3 20090805**; **EP 1473173 B1 20110406**; AT E504455 T1 20110415; DE 602004032084 D1 20110519; IT BO20030253 A0 20030430; IT BO20030253 A1 20041101

DOCDB simple family (application)
EP 04010278 A 20040430; AT 04010278 T 20040430; DE 602004032084 T 20040430; IT BO20030253 A 20030430