

Title (en)
Enveloping machine

Title (de)
Kuvertiervorrichtung

Title (fr)
Machine de mise sous enveloppe

Publication
EP 1226980 A3 20030827 (EN)

Application
EP 02001482 A 20020122

Priority
IT BO20010031 A 20010124

Abstract (en)
[origin: EP1226980A2] In an enveloping machine for introducing a set of sheets or inserts (1) into an envelope (10), a set of sheets (1) is placed by sheet feeding means on a sliding surface situated beneath the feeding means, in time relation with the passage of pushing lugs (3) which protrude from the sliding surface (2) and are connected to a conveying line (30) for conveying the set of sheets to an enveloping station (A) of the machine M. The machine (M) includes: an envelope feeder (4), which feeds the envelopes (10) one by one into a sliding interspace (T), defined by the sliding surface (2) and an upper guiding surface (5). Stopping means (6) keep each envelope (10) stopped in the station (A) during the introduction of the set of sheets (1) into the envelope (10) and opening means (7) act on the closing flap (11) to raise the rear facing (10a) of the envelope (10), so as to increase the opening section of the latter. Introducing means push the rear part (1b) of the set of sheets (1), to introduce the set of sheets into the respective envelope (10) and to transfer the envelope (10) with the set of sheets (1) introduced therein toward subsequent working stations.
<IMAGE>

IPC 1-7
B43M 3/04

IPC 8 full level
B43M 3/04 (2006.01); **B43M 5/04** (2006.01)

CPC (source: EP)
B43M 3/045 (2013.01); **B43M 5/042** (2013.01)

Citation (search report)
• [YA] US 5992132 A 19991130 - AUERBACH DAVID R [US]
• [YA] US 5660030 A 19970826 - AUERBACH DAVID R [US], et al
• [A] US 5722221 A 19980303 - MALTMAN RICHARD D [US], et al
• [A] US 5127640 A 19920707 - ORSINGER WINSTON A [US], et al

Cited by
US7475522B2; US2013152514A1; EP2241451A1; EP2241452A1; EP2000324A1; EP1622778B1; EP1622778B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1226980 A2 20020731; EP 1226980 A3 20030827; EP 1226980 B1 20070808; AT E369258 T1 20070815; DE 60221590 D1 20070920; DE 60221590 T2 20080424; ES 2291385 T3 20080301; IT BO20010031 A0 20010124; IT BO20010031 A1 20020724

DOCDB simple family (application)
EP 02001482 A 20020122; AT 02001482 T 20020122; DE 60221590 T 20020122; ES 02001482 T 20020122; IT BO20010031 A 20010124