

Title (en)

Auto-enveloping machine for multiple sheets or similar

Title (de)

Selbstumhüllungsmaschine für mehrere Bögen oder dergleichen

Title (fr)

Machine d'auto-enveloppement pour feuilles multiples ou similaire

Publication

EP 1671808 A2 20060621 (EN)

Application

EP 05105337 A 20050616

Priority

BR MU8403111 U 20041217

Abstract (en)

Auto-enveloping machine for multiple sheets or similar, constituted of an high demand auto-enveloping production equipment or auto-enveloping machine for multiple sheets (1) for gluing and folding of informative sheets (2), supplied by primary (3) or secondary (4) feeders, which are transported by the conveying device (5), enabling that in the way, they receive a controlled dosage of glue on their side edges, aspersed by glue injecting nozzles (6), being further allocated in an aligning template (7) for the due stacking and alignment, executed by adjusting movable guides (8); once the stacking and alignment have been concluded, the informative sheets (2), mutually enclosed and attached by adhesion are released for the folding phase by dispensing roll working on a time basis (9) to act intermittently in synchronization with the previous production phases, where they are further compacted by compacting cylinders (10) and issued with the new auto-envelope formatting (11) with multiple sheets.

IPC 8 full level

B42C 1/12 (2006.01); **B43M 5/04** (2006.01); **B65B 25/14** (2006.01); **B65B 35/30** (2006.01); **B65H 37/04** (2006.01); **B65H 37/06** (2006.01); **B65H 39/02** (2006.01); **B65H 45/30** (2006.01)

CPC (source: EP)

B42C 1/12 (2013.01); **B43M 5/04** (2013.01)

Cited by

CN104339815A; CN106697386A; CN110861803A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1671808 A2 20060621; **EP 1671808 A3 20070509**; BR MU8403111 U 20050524

DOCDB simple family (application)

EP 05105337 A 20050616; BR MU8403111 U 20041217