

Title (en)
Device for automatic loading of envelopes

Title (de)
Vorrichtung zum automatischen Laden von Umschlägen

Title (fr)
Dispositif de chargement automatique d'enveloppes

Publication
EP 1923340 B1 20100106 (FR)

Application
EP 07120505 A 20071112

Priority
FR 0654934 A 20061116

Abstract (en)
[origin: EP1923340A1] The device has a receiving tray (14) provided with transport rollers (22) for receiving mail articles i.e. envelope. A joggling unit (18) maintains the mail articles against a referencing wall (16), and a driving motor drives the transport rollers in rotation. A processing module activates the driving motor, and causes ejection of a part of mail articles relative to a post presence sensor (30) e.g. magnetic detector, mounted at the level of the receiving tray. The sensor has a state depending on presence or absence of the mail articles in a mail article feeder (10). An independent claim is also included for a method for loading envelopes.

IPC 8 full level
B65H 1/30 (2006.01); **B65H 3/06** (2006.01); **B65H 7/04** (2006.01)

CPC (source: EP US)
B65H 1/30 (2013.01 - EP US); **B65H 3/063** (2013.01 - EP US); **B65H 7/04** (2013.01 - EP US); **B65H 2301/42134** (2013.01 - EP US); **B65H 2301/42264** (2013.01 - EP US); **B65H 2511/13** (2013.01 - EP US); **B65H 2511/15** (2013.01 - EP US); **B65H 2511/20** (2013.01 - EP US); **B65H 2511/51** (2013.01 - EP US); **B65H 2553/22** (2013.01 - EP US); **B65H 2553/41** (2013.01 - EP US); **B65H 2553/61** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Cited by
FR2947537A1; FR2941443A1; EP2213597A3; US8662497B2; EP2269929A1; US8459929B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1923340 A1 20080521; **EP 1923340 B1 20100106**; DE 602007004165 D1 20100225; FR 2908756 A1 20080523; FR 2908756 B1 20090213; US 2008122159 A1 20080529; US 7758037 B2 20100720

DOCDB simple family (application)
EP 07120505 A 20071112; DE 602007004165 T 20071112; FR 0654934 A 20061116; US 98436507 A 20071116