

Title (en)
Device for optimised selection of mail articles

Title (de)
Vorrichtung zur optimierten Auswahl von Postartikeln

Title (fr)
Dispositif de sélection optimisée d'articles de courrier

Publication
EP 2085337 B1 20101222 (FR)

Application
EP 09151481 A 20090128

Priority
FR 0850569 A 20080130

Abstract (en)
[origin: EP2085337A1] The device has a comb shaped guide (12) co-operating with a set of selector rollers (16A-16C) to select mailpieces one-by-one and to transport the mailpieces towards downstream. The guide is pivoted about a pivot axis (18) in opposition to resilient return springs (20A, 20B) e.g. compression springs. The guide has a reference plate (12B) co-operated with a magnet (28) that is secured to a framework of the device to prevent pivoting of the guide below a predetermined mailpiece thickness. An elastomer plate (12A) or a ceramic finger is provided on each of teeth of the guide.

IPC 8 full level
B65H 3/06 (2006.01); **B65H 3/52** (2006.01)

CPC (source: EP US)
B65H 3/063 (2013.01 - EP US); **B65H 3/5238** (2013.01 - EP US); **B65H 2220/09** (2013.01 - EP US); **B65H 2402/31** (2013.01 - EP US); **B65H 2402/51** (2013.01 - EP US); **B65H 2402/54** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 2085337 A1 20090805; EP 2085337 B1 20101222; DE 602009000441 D1 20110203; FR 2926800 A1 20090731; FR 2926800 B1 20100326; US 2009189335 A1 20090730; US 7815185 B2 20101019

DOCDB simple family (application)
EP 09151481 A 20090128; DE 602009000441 T 20090128; FR 0850569 A 20080130; US 35449209 A 20090115