

Title (en)
Improved device for selecting mail articles

Title (de)
Perfektionierte Vorrichtung zur Auswahl von Postartikeln

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

Publication
EP 2085338 B2 20140122 (FR)

Application
EP 09151517 A 20090128

Priority
FR 0850572 A 20080130

Abstract (en)
[origin: EP2085338A1] The device has comb shaped guides (12, 14) co-operating with opposite selector rollers (16A-16C) to select mailpieces one-by-one and to transport the mailpieces towards downstream. The guide (12) pivots around a rotational axle (18) in opposition to elastic return units i.e. compression springs (20A, 20B). An end of a tooth of the guide (12) is covered with a wear resistant material e.g. ceramic or carbide, forming a selection finger (12A). The guide (14) pivots around another rotational axle, and an elastomer plate (14A) is fixed on each of teeth of the guide (14).

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 2401/12** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (opposition)
Opponent :

- EP 0856483 B
- US 5163668 A 19921117 - WINSHIP BRUCE A [US], et al
- US 4728095 A 19880301 - IRVINE ROBERT [US], et al
- GB 2057404 A 19810401 - RUENZI K

Cited by
CN109809214A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 2085338 A1 20090805; EP 2085338 B1 20110302; EP 2085338 B2 20140122; CA 2651600 A1 20090730; DE 602009000789 D1 20110414; FR 2926801 A1 20090731; FR 2926801 B1 20100326; US 2009212482 A1 20090827

DOCDB simple family (application)
EP 09151517 A 20090128; CA 2651600 A 20090127; DE 602009000789 T 20090128; FR 0850572 A 20080130; US 36120609 A 20090128