

Title (en)

Device for selecting mail articles with multiple pivoting catches

Title (de)

Vorrichtung zur Auswahl von Postartikeln mit mehreren drehbaren Fingern

Title (fr)

Dispositif de sélection d'articles de courrier à doigts multiples pivotants

Publication

EP 2325120 B2 20181031 (FR)

Application

EP 10188139 A 20101020

Priority

FR 0957575 A 20091028

Abstract (en)

[origin: EP2325120A1] The device has a die (16) cooperating with transport rollers (12) for separating mailpieces one by one from a stack of mailpieces. The transport rollers drive the mailpieces towards downstream. The die has adjacent selection fingers (20A, 22A, 24A, 24D) formed with different lengths. The selection fingers pivot independent from each other around a common rotational axle (26) and against associated elastic return units i.e. tension springs (28).

IPC 8 full level

B65H 3/50 (2006.01); **G07B 17/00** (2006.01)

CPC (source: EP US)

B65H 3/063 (2013.01 - EP US); **B65H 3/56** (2013.01 - EP US); **G07B 17/00467** (2013.01 - EP US); **B65H 2404/623** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (opposition)

Opponent :

US 4083555 A 19780411 - IRVINE ROBERT, et al

Cited by

EP2620399A1; DE202016106124U1; US8905397B2; DE102014105368A1; WO2015158473A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2325120 A1 20110525; **EP 2325120 B1 20141231**; **EP 2325120 B2 20181031**; FR 2951847 A1 20110429; FR 2951847 B1 20111209; US 2011123307 A1 20110526; US 8511673 B2 20130820

DOCDB simple family (application)

EP 10188139 A 20101020; FR 0957575 A 20091028; US 91327810 A 20101027