

Title (en)

Feeding device for postal items of different sizes

Title (de)

Förder-Vorrichtung für Poststücke mit variablen Abmessungen

Title (fr)

Dispositif d'alimentation en articles de courrier de dimensions variables

Publication

EP 0856484 B1 20011212 (FR)

Application

EP 98400123 A 19980122

Priority

FR 9701053 A 19970131

Abstract (en)

[origin: EP0856484A1] The system is installed upstream of a franking machine and has a mail transport path with a first feeding zone for differently-sized mail articles (10) comprising a number of transport rollers (16). A second selection zone (18) performs individual selection of the mail articles and has a number of transport rollers (20). A third zone (24) conveys the individually extracted articles from the mail stack one-by-one and directs them to the franking machine and has a third set of rollers (22). A first set of sensors (128,130,132) identify the different sizes of the mail articles in the first zone. A second set of sensors (120,122) detect passage of the articles in the second and third zones. A number of driving clutches engage the rollers and are activated selectively in accordance with a predetermined sequence defined by a microprocessor controller as a function of the states of the sensor sets.

IPC 1-7

B65H 5/06; **G07B 17/00**

IPC 8 full level

B65H 3/06 (2006.01); **B65H 5/06** (2006.01); **G07B 17/00** (2006.01)

CPC (source: EP US)

B65H 3/063 (2013.01 - EP US); **B65H 5/066** (2013.01 - EP US); **G07B 17/00467** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US); **B65H 2513/50** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US); **G07B 2017/00338** (2013.01 - EP US); **G07B 2017/00475** (2013.01 - EP US); **G07B 2017/00685** (2013.01 - EP US); **Y10S 209/90** (2013.01 - EP US); **Y10S 209/91** (2013.01 - EP US)

Cited by

EP1832536A1; EP2305584A1; FR2950873A1; FR2911859A1; EP1958902A1; EP2292540A1; FR2949769A1; US8594837B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0856484 A1 19980805; **EP 0856484 B1 20011212**; DE 69802847 D1 20020124; DE 69802847 T2 20020620; FR 2759069 A1 19980807; FR 2759069 B1 19990423; US 6005212 A 19991221

DOCDB simple family (application)

EP 98400123 A 19980122; DE 69802847 T 19980122; FR 9701053 A 19970131; US 1552898 A 19980129