

Title (en)

Automatic feeder control system to account for input variations

Title (de)

Automatisches Zubringerkontrollsystem zur Berücksichtigung von Eingabevariationen

Title (fr)

Système de contrôle d'alimentation automatique pour comptabiliser les variations d'entrée

Publication

EP 2119651 A3 20120613 (EN)

Application

EP 09006464 A 20090513

Priority

- US 5272208 P 20080513
- US 43575709 A 20090505

Abstract (en)

[origin: EP2119651A2] The present application relates generally to a method and system for the processing of mail items (102) within a document processing system. More specifically, described herein is a method and system for automatically adjusting the feeding of mail items (102) based on a stack pressure for minimizing jams and improving the overall system efficiency. Stack pressure is monitored as mail items (102) are fed to a transport path (106) and mail item feeding behavior is adjusted according to the stack pressure to minimize the mail item jams.

IPC 8 full level

B65H 1/14 (2006.01); **B65H 1/02** (2006.01); **B65H 3/04** (2006.01); **B65H 7/02** (2006.01)

CPC (source: EP US)

B65H 1/025 (2013.01 - EP US); **B65H 3/045** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 2511/212** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2515/34** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

- [XA] WO 0043671 A2 20000727 - BELL & HOWELL MAIL & MESSAGING [US]
- [XA] US 2007252321 A1 20071101 - KUTZER OLIVER [DE], et al
- [XA] US 4077620 A 19780307 - FRANK WERNER, et al
- [XA] US 6170816 B1 20010109 - GILLMANN HANNO [DE], et al

Cited by

EP2524887A1; US8727341B2; EP2325118B1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2119651 A2 20091118; EP 2119651 A3 20120613; US 2009283963 A1 20091119

DOCDB simple family (application)

EP 09006464 A 20090513; US 43575709 A 20090505