

Title (en)
Piling device for mail items processing machine

Title (de)
Stapelvorrichtung für Postartikelnbearbeitungsmaschine

Title (fr)
Dispositif de stockage pour machine de traitement de courrier

Publication
EP 2481698 A1 20120801 (FR)

Application
EP 11305090 A 20110128

Priority
EP 11305090 A 20110128

Abstract (en)
The device (10) has a mailpiece-receiving deck (12) including a longitudinal edge on which a referencing wall (16) is extended. The deck is traversed by a conveyor belt (14) for conveying mailpieces along the wall toward a sloping accumulation surface against which the mailpieces are accumulated. A shock-absorber wedge (30) is arranged at an angle formed by the deck and the wall, and is hit by the mailpieces after the mailpieces are ejected from a mail-handling machine, and before the mailpieces fall back down onto the belt so as to be conveyed toward the surface.

Abstract (fr)
Dispositif de stockage (10) pour machine de traitement de courrier comportant un plateau de réception (12) sur un bord longitudinal duquel s'étend une paroi de mise en référence (16), le plateau de réception étant traversé par une courroie de transport (14) pour convoyer des articles de courrier le long de cette paroi de mise en référence, et un tremplin amortisseur (30) monté contre la paroi de mise en référence et sur lequel les articles de courrier vont impacter après leur éjection de la machine de traitement de courrier avant de retomber sur la courroie de transport pour leur convoyage vers le plan incliné.

IPC 8 full level
B65H 29/52 (2006.01); **B07C 3/00** (2006.01); **B65H 29/14** (2006.01); **B65H 29/18** (2006.01); **B65H 31/02** (2006.01); **B65H 31/20** (2006.01); **B65H 31/26** (2006.01); **B65H 31/34** (2006.01)

CPC (source: EP US)
B07C 3/008 (2013.01 - EP US); **B65H 29/14** (2013.01 - EP US); **B65H 29/18** (2013.01 - EP US); **B65H 29/52** (2013.01 - EP US); **B65H 31/02** (2013.01 - EP US); **B65H 31/20** (2013.01 - EP US); **B65H 31/26** (2013.01 - EP US); **B65H 31/34** (2013.01 - EP US); **G07B 17/00193** (2013.01 - EP US); **B65H 2301/34112** (2013.01 - EP US); **B65H 2301/42144** (2013.01 - EP US); **B65H 2402/51** (2013.01 - EP); **B65H 2404/51** (2013.01 - EP US); **B65H 2404/74** (2013.01 - EP US); **B65H 2601/261** (2013.01 - EP US); **B65H 2601/521** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (applicant)
US 2010258406 A1 20101014 - DESIRE REGIS [FR]

Citation (search report)
• [A] US 5615995 A 19970401 - NOBILE JOHN [US], et al
• [A] DE 1189462 B 19650318 - TELEFUNKEN PATENT
• [A] JP S61101557 U 19860628

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2481698 A1 20120801; **EP 2481698 B1 20130529**; CA 2762021 A1 20120728; US 2012193866 A1 20120802; US 8398076 B2 20130319

DOCDB simple family (application)
EP 11305090 A 20110128; CA 2762021 A 20111209; US 201113337435 A 20111227