

Title (en)

Modular application device of a supply station

Title (de)

Modulare Anlagevorrichtung einer Zuführstation

Title (fr)

Dispositif d'application modulaire d'un poste d'alimentation

Publication

EP 2586737 B1 20191009 (DE)

Application

EP 12006561 A 20120919

Priority

DE 202011107379 U 20111031

Abstract (en)

[origin: CA2793157A1] The invention concerns a modular placement device (1) of a feed station, wherein a drawing device is provided in the ejection region of the feed station, which drawing device has at least one driven ejection roller, characterized in that the modular placement device (1) is equipped with a separate housing (10) and is stationed upstream (in terms of the mail flow) of the feed station (2); the housing (10) has a shaft-shaped cavity (15) near the rear wall (17) of the housing of the modular placement device and a pressure element (14) borne such that it can pivot and can be plugged into the cavity (15), which pressure element exerts a pressure force on a stack (3) of goods to be isolated at the transition to the ejection region, wherein the underlying good is pressed with such a force against the at least one driven ejection roller of the feed station that a propulsion of the good is achieved, wherein the weight loss of the stack due to the removal of the good for isolation of the stack is counteracted by the pressure element.

IPC 8 full level

B65H 1/06 (2006.01); **B65H 3/06** (2006.01); **B65H 3/54** (2006.01)

CPC (source: EP US)

B65H 1/06 (2013.01 - EP US); **B65H 3/063** (2013.01 - EP US); **B65H 3/54** (2013.01 - EP US); **B65H 2301/4223** (2013.01 - EP US); **B65H 2402/10** (2013.01 - EP US); **B65H 2601/22** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Cited by

EP3050831A1; US9745159B2

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)

DE 202011107379 U1 20111115; CA 2793157 A1 20130430; CA 2793157 C 20140916; EP 2586737 A2 20130501; EP 2586737 A3 20140618; EP 2586737 B1 20191009; US 2013106048 A1 20130502; US 8702090 B2 20140422

DOCDB simple family (application)

DE 202011107379 U 20111031; CA 2793157 A 20121023; EP 12006561 A 20120919; US 201213656942 A 20121022