

Title (en)

SUPPLY DEVICE FOR SUPPLYING A POSTAL SORTING CONVEYOR WITH POSTAL MAIL ITEMS

Title (de)

VERSORGUNGSVORRICHTUNG ZUR VERSORGUNG EINES POSTSORTIERFÖRDERERS MIT POSTSENDUNGEN

Title (fr)

DISPOSITIF D'ALIMENTATION POUR ALIMENTER EN ARTICLES DE COURRIER POSTAUX UN CONVOYEUR DE TRI POSTAL

Publication

EP 3986815 A1 20220427 (FR)

Application

EP 20733290 A 20200619

Priority

- FR 1906687 A 20190620
- EP 2020067068 W 20200619

Abstract (en)

[origin: WO2020254556A1] The invention relates to a supply device (1) for supplying a postal sorting conveyor (3) with postal mail items (2), comprising an unstacking head (4) designed to put the items on edge in series on the sorting conveyor, an unstacking plate (5) designed to unstack the items one by one toward the unstacking head and a conveyor (6) for supplying items, designed to convey the items on edge in a stack against the unstacking plate. The unstacking plate comprises a fixed portion (5a) that extends from the unstacking head and a movable portion (5b) that extends the fixed portion, said movable portion being mounted so as to pivot from the fixed portion between a first position in which the fixed portion and the movable portion are aligned and a second position in which the fixed portion and the movable portion are angularly offset.

IPC 8 full level

B65H 3/66 (2006.01); **B65H 1/02** (2006.01); **B65H 3/04** (2006.01); **B65H 3/12** (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 3/124** (2013.01 - EP US); **B65H 3/66** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 2511/21** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/41** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

See references of WO 2020254556A1

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)

FR 3097453 A1 20201225; **FR 3097453 B1 20211001**; DK 3986815 T3 20230306; EP 3986815 A1 20220427; EP 3986815 B1 20230104; ES 2940298 T3 20230505; FI 3986815 T3 20230321; PT 3986815 T 20230309; US 2023174329 A1 20230608; WO 2020254556 A1 20201224

DOCDB simple family (application)

FR 1906687 A 20190620; DK 20733290 T 20200619; EP 2020067068 W 20200619; EP 20733290 A 20200619; ES 20733290 T 20200619; FI 20733290 T 20200619; PT 20733290 T 20200619; US 202016967520 A 20200619