

Title (en)
DELIVERY PROCESSING APPARATUS

Title (de)
LIEFERVERARBEITUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRAITEMENT DE DISTRIBUTION

Publication
EP 3251988 B1 20210106 (EN)

Application
EP 17161132 A 20170315

Priority
• JP 2016109519 A 20160531
• JP 2016209025 A 20161025

Abstract (en)
[origin: EP3251988A2] According to one embodiment, a delivery processing apparatus includes a conveying mechanism and a plurality of accumulators. The conveying mechanism includes a conveyor, at least a pair of conveying belts (4), and a driver. The conveyor is provided with a conveying route including a direction change path (35, 37, 55, 57) configured to change a conveying direction of a delivery object. The pair of conveying belts is configured to sandwich the delivery object from both sides to convey the delivery object along the conveying route. The driver is configured to drive the conveying belts. The delivery object conveyed by the conveying mechanism is to be accumulated in the plurality of accumulators. One of the pair of conveying belts is an inner periphery conveying belt provided in the direction change path. The other of the pair of conveying belts is an outer periphery conveying belt which is extendable greater than the inner periphery conveying belt and faces an outer peripheral surface of the inner periphery conveying belt. The direction change path includes one or a plurality of rotating supports (40) that are configured to come into contact with the delivery object and are rotatable around an axis intersecting the conveying direction.

IPC 8 full level
B65H 5/02 (2006.01); **B07C 1/04** (2006.01); **B65H 29/12** (2006.01)

CPC (source: EP)
B07C 1/04 (2013.01); **B65H 5/023** (2013.01); **B65H 29/12** (2013.01); **B65H 2301/321** (2013.01); **B65H 2301/4452** (2013.01); **B65H 2404/1541** (2013.01); **B65H 2404/2611** (2013.01); **B65H 2701/1916** (2013.01)

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)
EP 3251988 A2 20171206; EP 3251988 A3 20180307; EP 3251988 B1 20210106

DOCDB simple family (application)
EP 17161132 A 20170315