

Title (en)

DEVICE AND METHOD FOR TRANSPORTING CONTAINERS, COMPRISING A SWITCH UNIT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TRANSPORTIEREN VON GEBINDEN MIT EINER WEICHENEINRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRANSPORT DE COLIS AVEC UN SYSTÈME D'AIGUILLAGE

Publication

EP 3768616 A1 20210127 (DE)

Application

EP 19719268 A 20190423

Priority

- DE 102018109637 A 20180423
- EP 2019060286 W 20190423

Abstract (en)

[origin: WO2019206858A1] The invention relates to a device (1) for transporting objects (10), comprising a first conveying unit (2), wherein this conveying unit (2) has a switch unit (4) and a feed section (22), which conveys the objects to the switch unit (4), and wherein, by means of the switch unit, the objects (10) can optionally be conveyed along a first discharge section (42) and a second discharge section (44), and wherein the device (1) has a selection unit (20) in order to convey the objects (10) optionally onto the first discharge section (42) or the second discharge section (44), wherein said selection unit (20) has at least one contact unit (26) in order to urge the objects (10), wherein said selection unit (20) can be switched between a first state, in which it has no influence on the direction of movement of the objects (10), and a second state, in which it changes the direction of movement of the objects (10), wherein, in the first state, the switch unit (4) conveys the objects (10) into the second discharge section (44).

IPC 8 full level

B65G 13/10 (2006.01)

CPC (source: EP US)

B65G 13/10 (2013.01 - EP US); **B65G 47/54** (2013.01 - US); **B65G 13/08** (2013.01 - EP US); **B65G 2201/0235** (2013.01 - US)

Citation (search report)

See references of WO 2019206858A1

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)

DE 102018109637 A1 20191024; CN 215324953 U 20211228; EP 3768616 A1 20210127; US 11639269 B2 20230502; US 2021039889 A1 20210211; WO 2019206858 A1 20191031

DOCDB simple family (application)

DE 102018109637 A 20180423; CN 201990000643 U 20190423; EP 19719268 A 20190423; EP 2019060286 W 20190423; US 201917048258 A 20190423