

Title (en)

TRANSPORT APPARATUSES FOR A SHEET-LIKE SUBSTRATE, AND METHOD FOR TRANSPORTING AT LEAST ONE SHEET-LIKE SUBSTRATE

Title (de)

TRANSPORTVORRICHTUNGEN FÜR EIN BOGENFÖRMIGES SUBSTRAT UND VERFAHREN ZUM TRANSPORT ZUMINDEST EINES BOGENFÖRMIGEN SUBSTRATS

Title (fr)

DISPOSITIFS DE TRANSPORT POUR UN SUBSTRAT CINTRÉ ET PROCÉDÉ POUR LE TRANSPORT D'AU MOINS UN SUBSTRAT CINTRÉ

Publication

EP 3947225 A1 20220209 (DE)

Application

EP 20701302 A 20200117

Priority

- DE 102019108874 A 20190404
- EP 2020051158 W 20200117

Abstract (en)

[origin: WO2020200528A1] The invention relates to a transport apparatus (100) for a sheet-like substrate (02), having at least one first substrate feed device (101) and having at least one second substrate feed device (160), wherein the at least one second substrate feed device (160) comprises at least one front stop (162) and at least one separating device (165), wherein at least one substrate guide device (125) is arranged between the at least one first substrate feed device (101) and the at least one second substrate feed device (160), and wherein the at least one substrate guide device (125) has at least one guiding element (126), wherein the at least one guiding element (126) is arranged so as to be movable and/or moved in two mutually different directions independently of one another.

IPC 8 full level

B65H 1/30 (2006.01); **B65H 1/06** (2006.01); **B65H 3/04** (2006.01); **B65H 11/00** (2006.01); **B65H 83/02** (2006.01)

CPC (source: EP US)

B65H 1/06 (2013.01 - EP); **B65H 1/30** (2013.01 - EP); **B65H 3/042** (2013.01 - EP); **B65H 5/36** (2013.01 - US); **B65H 9/06** (2013.01 - US); **B65H 11/00** (2013.01 - EP); **B65H 83/02** (2013.01 - EP); **B65H 2301/42134** (2013.01 - EP US); **B65H 2404/1522** (2013.01 - EP); **B65H 2404/1523** (2013.01 - EP); **B65H 2405/11164** (2013.01 - EP); **B65H 2405/112** (2013.01 - EP); **B65H 2511/10** (2013.01 - EP); **B65H 2511/17** (2013.01 - EP); **B65H 2511/20** (2013.01 - EP); **B65H 2701/11312** (2013.01 - US); **B65H 2701/1762** (2013.01 - US); **B65H 2801/21** (2013.01 - EP US)

C-Set (source: EP)

1. **B65H 2511/10** + **B65H 2220/01**
2. **B65H 2511/20** + **B65H 2220/02** + **B65H 2220/11**
3. **B65H 2511/17** + **B65H 2220/01**

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102019108874 B3 20200319; CN 113544070 A 20211022; CN 113544070 B 20240419; EP 3947225 A1 20220209; US 11440758 B2 20220913; US 2022097988 A1 20220331; WO 2020200528 A1 20201008

DOCDB simple family (application)

DE 102019108874 A 20190404; CN 202080019775 A 20200117; EP 2020051158 W 20200117; EP 20701302 A 20200117; US 202017438593 A 20200117