

Title (en)

PROCESSING MACHINES AND METHOD FOR THE RELATIVE ORIENTATION OF A SUBSTRATE TO A PROCESSING UNIT IN A PROCESSING MACHINE

Title (de)

BEARBEITUNGSMASCHINEN SOWIE VERFAHREN ZUR RELATIVEN AUSRICHTUNG EINES SUBSTRATES ZU EINEM BEARBEITUNGSAGGREGAT IN EINER BEARBEITUNGSMASCHINE

Title (fr)

MACHINES DE TRAITEMENT ET PROCÉDÉ POUR L'ORIENTATION RELATIVE D'UN SUBSTRAT VERS UNE UNITÉ DE TRAITEMENT DANS UNE MACHINE DE TRAITEMENT

Publication

**EP 4377093 A1 20240605 (DE)**

Application

**EP 23701660 A 20230120**

Priority

- DE 102022102706 A 20220204
- EP 2023051328 W 20230120

Abstract (en)

[origin: WO2023148014A1] The invention relates to a processing machine (01), wherein at least one further processing unit (600; 900) follows at least one processing unit (600) designed as an application unit (600) in the transport direction (T) of substrate (02), wherein at least one transport unit (700) is arranged between the at least one processing unit (600) designed as an application unit (600) and the at least one subsequent processing unit (600; 900), the at least one transport unit (700) having a plurality of transport elements (701), the transport elements (701) of the plurality of transport elements (701) being arranged one behind the other in the transport direction (T), the plurality of transport elements (701) being axially adjustable individually or the plurality of transport elements (701) being axially adjustable in groups. In addition, the invention relates to a further processing machine (01) and to methods for the relative alignment of a substrate (02).

IPC 8 full level

**B41F 13/14** (2006.01); **B41F 19/00** (2006.01); **B41F 21/08** (2006.01); **B41F 21/10** (2006.01); **B41F 33/00** (2006.01); **B65H 9/00** (2006.01)

CPC (source: EP)

**B41F 13/14** (2013.01); **B41F 19/008** (2013.01); **B41F 21/08** (2013.01); **B41F 21/102** (2013.01); **B41F 33/0036** (2013.01); **B41F 33/0081** (2013.01); **B65H 9/002** (2013.01); **B65H 9/105** (2013.01); **B65H 9/106** (2013.01); **B41P 2200/12** (2013.01); **B65H 2404/1523** (2013.01); **B65H 2406/3122** (2013.01); **B65H 2406/334** (2013.01); **B65H 2701/1762** (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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102022102706 A1 20230810**; CN 117980146 A 20240503; CN 117980146 B 20240910; EP 4377093 A1 20240605; WO 2023148014 A1 20230810

DOCDB simple family (application)

**DE 102022102706 A 20220204**; CN 202380013698 A 20230120; EP 2023051328 W 20230120; EP 23701660 A 20230120