

Title (en)
DEVICE FOR TREATING SUBSTRATES

Title (de)
VORRICHTUNG ZUM BEHANDELN VON SUBSTRATEN

Title (fr)
DISPOSITIF DE TRAITEMENT DE SUPPORTS

Publication
EP 3380284 A1 20181003 (DE)

Application
EP 16801750 A 20161123

Priority
• DE 102015223105 A 20151123
• DE 102015223106 A 20151123
• DE 102016209337 A 20160530
• EP 2016078594 W 20161123

Abstract (en)
[origin: WO2017089423A1] The invention relates to a device for treating substrates using a separating device. The aim of the invention is to create a device for treating substrates, which allows a separation of treated substrates into one or a plurality of waste parts and into at least one panel. The aim of the invention is in particular to create a device for treating substrates, which has improved flexibility. Said aim is achieved in that the separating device (2) comprises a transport cylinder (3) and a break-out cylinder (4) associated with said transport cylinder, and in that the transport cylinder (3) comprises means for fixing an exchangeable packing (5) as well as first and second openings (12, 13) which are, in the event that the packing (5) is fixed, at least partially covered by perforations that can be formed in the packing (5). According to the invention, first air supply means (14) for feeding air to the first openings (12) as well as second air supply means (15) for feeding air to the second openings (13) independently from the supply of the first openings (12) are provided. The first and/or second air supply means (14, 15) can be switched between a suction air supply and a blow air supply.

IPC 8 full level
B26D 7/18 (2006.01); **B26D 7/01** (2006.01); **B26D 7/26** (2006.01); **B26F 1/00** (2006.01); **B26F 1/44** (2006.01); **B41F 19/00** (2006.01); **B65H 20/12** (2006.01)

CPC (source: EP US)
B26D 1/405 (2013.01 - EP US); **B26D 7/018** (2013.01 - EP US); **B26D 7/18** (2013.01 - EP US); **B26D 7/1854** (2013.01 - EP US); **B26D 7/1863** (2013.01 - EP US); **B26D 7/265** (2013.01 - EP US); **B26F 1/0092** (2013.01 - EP US); **B26F 1/384** (2013.01 - EP US); **B31B 50/146** (2017.07 - EP US); **B31B 50/16** (2017.07 - EP US); **B41F 13/08** (2013.01 - EP US); **B41F 13/193** (2013.01 - EP US); **B41F 13/54** (2013.01 - EP US); **B41F 13/56** (2013.01 - EP US); **B41F 19/008** (2013.01 - EP US); **B41F 21/00** (2013.01 - EP US); **B41F 21/10** (2013.01 - EP US); **B41F 27/00** (2013.01 - EP US); **B41F 27/10** (2013.01 - EP US); **B65H 20/12** (2013.01 - EP US); **B65H 29/242** (2013.01 - EP US); **B65H 29/56** (2013.01 - EP US); **B65H 31/24** (2013.01 - EP US); **B65H 35/08** (2013.01 - EP US); **B26D 2007/2607** (2013.01 - EP US); **B26F 2001/4418** (2013.01 - EP US); **B65H 3/10** (2013.01 - US); **B65H 2301/42632** (2013.01 - EP US); **B65H 2402/10** (2013.01 - EP US); **B65H 2406/323** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US); **B65H 2801/27** (2013.01 - EP US)

Citation (search report)
See references of WO 2017089423A1

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)
WO 2017089423 A1 20170601; CN 108472826 A 20180831; CN 108472826 B 20200327; EP 3380284 A1 20181003; EP 3380284 B1 20200812; US 10328590 B2 20190625; US 2018339416 A1 20181129

DOCDB simple family (application)
EP 2016078594 W 20161123; CN 201680079669 A 20161123; EP 16801750 A 20161123; US 201615777945 A 20161123