

Title (en)

CONVEYED-MATERIAL SEPARATION DEVICE AND CONVEYED-MATERIAL CONVEYANCE APPARATUS INCLUDING SAME

Title (de)

TRENNVORRICHTUNG FÜR GEFÖRDERTES MATERIAL UND FÖRDERVORRICHTUNG FÜR GEFÖRDERTES MATERIAL DAMIT

Title (fr)

DISPOSITIF DE SÉPARATION DE MATÉRIAU CONVOYÉ ET APPAREIL DE CONVOYAGE DE MATÉRIAU CONVOYÉ COMPRENANT CELUI-CI

Publication

EP 3095740 A1 20161123 (EN)

Application

EP 16170721 A 20160520

Priority

- JP 2015103196 A 20150520
- JP 2016092573 A 20160502

Abstract (en)

A conveyed-material separation device (100) includes an air jetting unit (2A to 2C) and a retaining unit (3A to 3F). The air jetting unit jets air to stacked conveyed materials to float an end of a conveyed material. The retaining unit (3A to 3F) retains and separates the conveyed material floated by the air jetting unit (2A to 2C). A position of the retaining unit is changeable according to a width dimension of the conveyed material in a width direction perpendicular to a floating direction of the conveyed material.

IPC 8 full level

B65H 3/12 (2006.01); **B65H 3/48** (2006.01)

CPC (source: EP)

B65H 3/128 (2013.01); **B65H 3/48** (2013.01); **B65H 2402/10** (2013.01); **B65H 2511/10** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/417** (2013.01)

Citation (applicant)

JP 2003311769 A 20031105 - HITACHI CHEMICAL CO LTD

Citation (search report)

- [XAY] JP 2000128372 A 20000509 - MATSUSHITA ELECTRIC WORKS LTD
- [X] EP 1466848 A2 20041013 - KOENIG & BAUER AG [DE]
- [YA] WO 2009068016 A1 20090604 - BREMER WERK FUER MONTAGESYSTEM [DE], et al
- [A] DE 3612559 A1 19871022 - WINKLER DUENNEBIER KG MASCH [DE]

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)

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