

Title (en)

DEVICE AND METHOD FOR DEPOSING A WIDTH-ADJUSTABLE FILM OF ORDERED PARTICLES ONTO A MOVING SUBSTRATE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ABSETZEN EINES BREITENEINSTELLBAREN FILMS AUS GEORDNETEN TEILCHEN AUF EIN BEWEGLICHES SUBSTRAT

Title (fr)

INSTALLATION ET PROCEDE POUR LE DEPOT D'UN FILM DE PARTICULES ORDONNEES, DE LARGEUR REGLABLE, SUR UN SUBSTRAT EN DEFILEMENT

Publication

EP 2731731 A1 20140521 (FR)

Application

EP 12733713 A 20120710

Priority

- FR 1156430 A 20110713
- EP 2012063466 W 20120710

Abstract (en)

[origin: WO2013007719A1] The invention relates to a facility for depositing a film of ordered particles (4) onto a moving substrate (8), the facility being designed to allow the deposition, onto the substrate, of a film of ordered particles discharged through the particle outlet of a transfer area having a first width (L1). According to the invention, the facility further includes an accessory device (100) in the form of a deposition head for blocking said particle outlet and designed to allow the deposition, onto said substrate (38), of a film of ordered particles discharged via an end (62) of a particle transfer channel (56) of said deposition head, said end having a second width (L2) that is strictly smaller than the first width (L1).

IPC 8 full level

B05C 11/10 (2006.01); **B05C 19/00** (2006.01); **B05C 19/06** (2006.01); **B05D 1/20** (2006.01); **B05D 3/00** (2006.01); **B05D 3/06** (2006.01); **B05D 3/12** (2006.01)

CPC (source: EP US)

B05C 11/1002 (2013.01 - EP US); **B05C 11/1036** (2013.01 - EP US); **B05C 19/00** (2013.01 - EP US); **B05C 19/008** (2013.01 - EP US); **B05C 19/04** (2013.01 - US); **B05C 19/06** (2013.01 - EP US); **B05D 1/12** (2013.01 - US); **B05D 1/20** (2013.01 - EP US); **B05D 3/061** (2013.01 - EP US); **B05D 3/12** (2013.01 - EP US); **B05D 3/203** (2013.01 - EP US)

Citation (search report)

See references of WO 2013007719A1

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

DOCDB simple family (publication)

WO 2013007719 A1 20130117; EP 2731731 A1 20140521; EP 2731731 B1 20150916; FR 2977810 A1 20130118; JP 2014524834 A 20140925; JP 6427416 B2 20181121; KR 20140050008 A 20140428; US 2014147583 A1 20140529; US 9751105 B2 20170905

DOCDB simple family (application)

EP 2012063466 W 20120710; EP 12733713 A 20120710; FR 1156430 A 20110713; JP 2014519524 A 20120710; KR 20147000740 A 20120710; US 201214131082 A 20120710