

Title (en)

Device and method for recovering particles without polluting dispersion

Title (de)

Vorrichtung und Verfahren zur Partikelrückgewinnung ohne umweltverschmutzende Dispersion

Title (fr)

Dispositif et procédé de récupération de particules sans dispersion polluante

Publication

EP 2614898 B1 20181226 (FR)

Application

EP 13150992 A 20130111

Priority

FR 1250273 A 20120111

Abstract (en)

[origin: EP2614898A1] The system has electrostatic devices (20, 21) placed opposite and on both sides of a substrate (3) covered with spangles (5), where devices contain electricity conducting surfaces. A charge device ensures generation of a variable electric potential on each surface, so that the surfaces on both sides of the substrate alternatively create electric polarity of a zone (Z) of the substrate and/or of the spangles on the zone. A cleaning device cleans one of the surfaces in displacement with respect to the electrostatic device. A recovery tank recovers the spangles sensitive to electric fields. The cleaning device is a movable scraper. Independent claims are also included for the following: (1) a method for recovery of spangles, sensitive to electric fields, deposited uniformly on a substrate (2) a viscous material jet numerical machine for installation of a viscous material pattern on a face of a substrate.

IPC 8 full level

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CPC (source: EP US)

B05D 3/007 (2013.01 - EP); **B08B 1/165** (2024.01 - EP US); **B08B 1/30** (2024.01 - EP); **B08B 6/00** (2013.01 - EP); **B41J 11/0015** (2013.01 - EP); **B41J 11/0021** (2021.01 - EP US); **B05D 5/06** (2013.01 - EP); **B05D 2425/01** (2013.01 - EP)

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