

Title (en)
POWDER APPLYING STATION, ARRANGEMENT FOR COATING TEMPERATURE-SENSITIVE MATERIALS, AND ASSOCIATED METHOD

Title (de)
PULVERAUFTRAGSSTATION UND ANORDNUNG ZUR BESCHICHTUNG VON TEMPERATURSENSIBLEN MATERIALIEN UND ZUGEHÖRIGES VERFAHREN

Title (fr)
POSTE D'APPLICATION DE POUDRE ET SYSTEME POUR APPLIQUER UN REVETEMENT SUR DES MATERIAUX SENSIBLES A LA TEMPERATURE ET PROCEDE ASSOCIE

Publication
EP 2283933 A3 20110601 (DE)

Application
EP 10184168 A 20051206

Priority
• EP 05845527 A 20051206
• DE 102004059634 A 20041210
• DE 102005003802 A 20050126

Abstract (en)
[origin: EP2283933A2] The device has heat radiators (35) e.g. ultraviolet radiators or infrared radiators, that are arranged on a fitting panel (33) or a polygon ring (46) to emit heat on the panel or ring. The radiators are movable together with the panel or ring, and are arranged in an annular or circular manner. The panel or ring and the radiators are linearly movable in and out or are rotatable around a rotating axis through center of the ring. Independent claims are also included for the following: (A) an arrangement for powder coating temperature sensitive materials (B) a powder applying station for applying powder on a substrate (C) a method for powder coating of temperature sensitive materials.

IPC 8 full level
B05D 3/02 (2006.01); **B05C 9/14** (2006.01); **B05D 3/06** (2006.01); **B05D 7/06** (2006.01); **F26B 3/30** (2006.01)

CPC (source: EP US)
B05D 3/0209 (2013.01 - EP US); **B05D 3/0263** (2013.01 - EP US); **B05D 7/06** (2013.01 - EP US); **F26B 3/283** (2013.01 - EP US); **F26B 15/12** (2013.01 - EP US); **F26B 25/004** (2013.01 - EP US); **B05D 3/0272** (2013.01 - EP US); **B05D 3/067** (2013.01 - EP US); **B05D 2401/32** (2013.01 - EP US)

Citation (search report)
• [X] WO 03074199 A2 20030912 - SOLARONICS TECHNOLOGIES [FR], et al
• [XI] DE 19622921 A1 19971211 - BASF LACKE & FARBEN [DE]
• [XI] WO 9745591 A1 19971204 - WINDSOR TECHNOLOGIES LTD [BS], et al

Cited by
CN105537083A; CN110252618A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009126628 A1 20090521; AT E516889 T1 20110815; DE 102005003802 A1 20060614; EP 1725341 A2 20061129; EP 1725341 B1 20110720; EP 2283933 A2 20110216; EP 2283933 A3 20110601; PL 1725341 T3 20111230; RU 2007121324 A 20090210; RU 2403988 C2 20101120; WO 2006061391 A2 20060615; WO 2006061391 A3 20061026

DOCDB simple family (application)
US 72112505 A 20050615; AT 05845527 T 20051206; DE 102005003802 A 20050126; EP 05845527 A 20051206; EP 10184168 A 20051206; EP 2005056543 W 20051206; PL 05845527 T 20051206; RU 2007121324 A 20051206