

Title (en)

METHOD AND DEVICE FOR THE COLD-GAS SPRAYING OF PARTICLES HAVING DIFFERENT SOLIDITIES AND/OR DUCTILITIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KALTGASSPRITZEN VON PARTIKELN UNTERSCHIEDLICHER FESTIGKEIT UND/ODER DUKTILITÄT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PROJECTION DYNAMIQUE PAR GAZ FROID DE PARTICULES DE DIFFÉRENTE DURETÉ ET/OU DUCTILITÉ

Publication

**EP 2108051 A2 20091014 (DE)**

Application

**EP 08701266 A 20080107**

Priority

- EP 2008050087 W 20080107
- DE 102007001477 A 20070109

Abstract (en)

[origin: DE102007001477B3] Cold gas spraying method comprises injecting particles (22) of a first type in a first region (20) of a stagnation chamber (15) which lies closer to a nozzle (14) than a second region (21) in which particles (23) of a second type are injected. An independent claim is also included for a cold spraying device used in the above method.

IPC 8 full level

**B05B 7/14** (2006.01); **B05B 7/16** (2006.01); **C23C 24/04** (2006.01)

CPC (source: EP US)

**B05B 7/1486** (2013.01 - EP US); **B05B 7/1626** (2013.01 - EP US); **C23C 24/04** (2013.01 - EP US)

Cited by

US11898986B2; US11935662B2; US11662300B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102007001477 B3 20080131**; CA 2674762 A1 20080717; CA 2674762 C 20140520; CN 101605922 A 20091216; CN 101605922 B 20110223; EP 2108051 A2 20091014; EP 2108051 B1 20140430; ES 2463484 T3 20140528; PT 2108051 E 20140609; RU 2009130335 A 20110220; RU 2457280 C2 20120727; US 2010040775 A1 20100218; US 8197895 B2 20120612; WO 2008084025 A2 20080717; WO 2008084025 A3 20090507

DOCDB simple family (application)

**DE 102007001477 A 20070109**; CA 2674762 A 20080107; CN 200880001982 A 20080107; EP 08701266 A 20080107; EP 2008050087 W 20080107; ES 08701266 T 20080107; PT 08701266 T 20080107; RU 2009130335 A 20080107; US 52134208 A 20080107