

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 B1 20140430 (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)  
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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