

Title (en)

COATING METHOD USING SPECIAL POWDERED COATING MATERIALS AND USE OF SUCH COATING MATERIALS

Title (de)

BESCHICHTUNGSVERFAHREN NUTZEND SPEZIELLE PULVERFÖRMIGE BESCHICHTUNGSMATERIALIEN UND VERWENDUNG DERARTIGER BESCHICHTUNGSMATERIALIEN

Title (fr)

PROCÉDÉ DE REVÊTEMENT METTANT EN OEUVRE DES MATÉRIAUX DE REVÊTEMENT PULVÉRULENTS SPÉCIAUX ET UTILISATION DE TELS MATÉRIAUX DE REVÊTEMENT

Publication

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Application

EP 12741314 A 20120725

Priority

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Abstract (en)

[origin: WO2013014214A2] The invention relates to the use of a particle-containing powdered coating material in a coating method selected from the group consisting of cold gas spraying, flame spraying, high speed flame spraying, thermal plasma spraying and non-thermal plasma spraying, the particles having a relative deformability factor V_m of a maximum of 0.1 and the relative deformability factor being defined as per formula (1), d being the average lowest thickness of the particles measured vertically to and in the middle half of the longitudinal axis of the particles, and D_{50} being the mean diameter of the volume-averaged particle size distribution. The invention further relates to a coating method.

IPC 8 full level

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CPC (source: EP US)

C23C 4/04 (2013.01 - US); **C23C 4/06** (2013.01 - US); **C23C 4/067** (2016.01 - EP US); **C23C 4/08** (2013.01 - US); **C23C 4/10** (2013.01 - US); **C23C 4/12** (2013.01 - US); **C23C 4/123** (2016.01 - EP US); **C23C 4/129** (2016.01 - EP US); **C23C 4/134** (2016.01 - EP US); **C23C 24/04** (2013.01 - EP US)

Citation (examination)

- EP 1647610 A2 20060419 - FUJIMI INC [JP]
- US 2006134343 A1 20060622 - KATO NOBUAKI [JP], et al
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DOCDB simple family (publication)

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DOCDB simple family (application)

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