

Title (en)  
METHOD FOR SINTER COATING

Title (de)  
VERFAHREN ZUR SINTERBESCHICHTUNG

Title (fr)  
PROCEDE D'ENDUCTION PAR FRITTAGE

Publication  
**EP 1631393 B1 20090318 (DE)**

Application  
**EP 04733794 A 20040519**

Priority  
• EP 2004005442 W 20040519  
• DE 10322678 A 20030520

Abstract (en)  
[origin: WO2004103579A1] The invention relates to a method for sinter coating a workpiece, embodied with at least two sections of different surface-related heat capacities, comprising a step of shock heating of the workpiece under conditions which, with continuing effect on the workpiece, bring the same to a first temperature and which is stopped before the temperature of the section with the greater surface-related heat capacity matches said first temperature and a subsequent step of application of the sinter material to the workpiece, characterised in that the shock heating precedes a step for the pre-heating of the workpiece under conditions which, with a continuing effect on the workpiece, bring the same to a second temperature between the fusion temperature of the coating material and the first temperature.

IPC 8 full level  
**B05D 3/02** (2006.01); **B05D 1/24** (2006.01)

CPC (source: EP US)  
**B05D 1/24** (2013.01 - EP US); **B05D 3/0236** (2013.01 - EP US); **B05D 3/0272** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 2004103579 A1 20041202**; AT E425816 T1 20090415; CN 100500305 C 20090617; CN 1826184 A 20060830; DE 10322678 A1 20041209; DE 502004009179 D1 20090430; EP 1631393 A1 20060308; EP 1631393 B1 20090318; ES 2322810 T3 20090629; RU 2005135736 A 20060710; RU 2335349 C2 20081010; US 2007062616 A1 20070322; US 7790224 B2 20100907

DOCDB simple family (application)  
**EP 2004005442 W 20040519**; AT 04733794 T 20040519; CN 200480020839 A 20040519; DE 10322678 A 20030520; DE 502004009179 T 20040519; EP 04733794 A 20040519; ES 04733794 T 20040519; RU 2005135736 A 20040519; US 55739304 A 20040519