

Title (en)
Device for cold gas spraying

Title (de)
Vorrichtung zum Kaltgasspritzen

Title (fr)
Dispositif de projection par gaz froid

Publication
EP 1857183 A1 20071121 (DE)

Application
EP 06015705 A 20060727

Priority
DE 102006023483 A 20060518

Abstract (en)
Cold gas spraying nozzle is partially coated on its inner wall. An independent claim is also included for a cold gas spraying gun with the above nozzle.

Abstract (de)
Die Erfindung betrifft eine Düse zum Kaltgasspritzen, in welcher Gas und Spritzpartikel beschleunigt werden. Erfindungsgemäß ist die Kaltgas-Spritzdüse an ihrer Innenwand zumindest teilweise beschichtet.

IPC 8 full level
B05B 7/14 (2006.01); **C23C 24/04** (2006.01)

CPC (source: EP US)
B05B 1/00 (2013.01 - EP US); **B05B 7/1486** (2013.01 - EP US); **B05B 7/16** (2013.01 - EP US); **B05B 15/18** (2018.01 - EP US); **C23C 24/04** (2013.01 - EP US); **B05B 7/1404** (2013.01 - EP US)

Citation (search report)

- [X] GB 2154902 A 19850918 - GEN ELECTRIC
- [A] DE 10207519 A1 20030911 - LINDE AG [DE]

Cited by
EP2503026A1; US11898986B2; WO2011057615A1; US11935662B2; US11662300B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1857183 A1 20071121; **EP 1857183 B1 20090708**; AT E435704 T1 20090715; DE 102006023483 A1 20071122; DE 502006004177 D1 20090820; US 2007278324 A1 20071206; US 2010181391 A1 20100722

DOCDB simple family (application)
EP 06015705 A 20060727; AT 06015705 T 20060727; DE 102006023483 A 20060518; DE 502006004177 T 20060727; US 62010809 A 20091117; US 80145607 A 20070510