

Title (en)

Device for coating substrates by means of high speed flame spraying

Title (de)

Vorrichtung zur Beschichtung von Substraten mittels Hochgeschwindigkeitsflammspritzen

Title (fr)

Dispositif de revêtement de substrats par projection par flamme supersonique

Publication

EP 2383361 B1 20151028 (DE)

Application

EP 11405238 A 20110331

Priority

CH 6432010 A 20100429

Abstract (en)

[origin: EP2383361A1] The device comprises a combustion chamber (4), a primary fuel line (L1) for supplying liquid or gaseous fuel, a gas line for supplying oxidative gas, a secondary fuel line for supplying liquid or gaseous fuel, and another gas line for supplying gas. A nozzle body (7) is provided, which has a central opening or nozzle for supplying liquid fuel into the combustion chamber.

IPC 8 full level

C23C 4/12 (2006.01); **B05B 7/20** (2006.01)

CPC (source: EP US)

B05B 7/20 (2013.01 - US); **B05B 7/205** (2013.01 - EP US); **B05B 7/208** (2013.01 - US); **C23C 4/129** (2016.01 - EP US)

Cited by

EP2868388A1; WO2015062846A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2383361 A1 20111102; EP 2383361 B1 20151028; CH 702999 A1 20111031; CN 102233306 A 20111109; CN 102233306 B 20160224; JP 2011231405 A 20111117; JP 5813989 B2 20151117; US 2011265715 A1 20111103; US 9032903 B2 20150519

DOCDB simple family (application)

EP 11405238 A 20110331; CH 6432010 A 20100429; CN 201110108355 A 20110428; JP 2011101456 A 20110428; US 201113093901 A 20110426