

Title (en)

Plasma spray method for coating excess heat tubes

Title (de)

Plasmaspritzverfahren zur Beschichtung von Überhitzerrohren

Title (fr)

Procédé de pulvérisation au plasma destiné au revêtement de tuyau de surchauffe

Publication

EP 1985722 A3 20090401 (DE)

Application

EP 08004327 A 20080308

Priority

DE 102007020420 A 20070427

Abstract (en)

[origin: EP1985722A2] Thermal spraying process for producing protective coatings on fire tubes uses a self-flowing alloy powder with large particles which is fused after spraying on to the tubes. An independent claim is included for use of self-flowing alloy powders with large particles in thermal spraying to produce protective coatings on fire tubes.

IPC 8 full level

C23C 4/06 (2006.01); **C23C 4/18** (2006.01)

CPC (source: EP)

C23C 4/06 (2013.01); **C23C 4/067** (2016.01); **C23C 4/18** (2013.01)

Citation (search report)

- [X] US 4192672 A 19800311 - KLAR ERHARD [US], et al
- [X] EP 0223135 A1 19870527 - PERKIN ELMER CORP [US]
- [X] EP 0224724 A1 19870610 - PERKIN ELMER CORP [US]
- [X] US 3642519 A 19720215 - TINER NATHAN A, et al
- [X] WO 2006099869 A1 20060928 - GERSTENBERG & AGGER AS [DK], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1985722 A2 20081029; EP 1985722 A3 20090401; EP 1985722 B1 20111026; AT E530676 T1 20111115; DE 102007020420 A1 20081030; DE 102007020420 B4 20110224; DK 1985722 T3 20120206; ES 2375172 T3 20120227; HR P20120043 T1 20120229; PL 1985722 T3 20120330

DOCDB simple family (application)

EP 08004327 A 20080308; AT 08004327 T 20080308; DE 102007020420 A 20070427; DK 08004327 T 20080308; ES 08004327 T 20080308; HR P20120043 T 20120113; PL 08004327 T 20080308