

Title (en)

Process for coating a surface

Title (de)

Verfahren zum Laserbeschichten einer Oberfläche

Title (fr)

Procédé de revêtement d'une surface

Publication

EP 1127958 B1 20070718 (DE)

Application

EP 01102134 A 20010201

Priority

DE 10009133 A 20000226

Abstract (en)

[origin: EP1127958A2] Laser coating a surface comprises melting base material of surface using laser beam to form melt bath, and inserting alloy powder into bath. The bath is formed and/or components of the alloy powder are selected so that at least one of the components is not or partially melted in the bath. The components are completely or partially embedded in the solid aggregate state in base material of surface.

IPC 8 full level

C23C 26/02 (2006.01); **C23C 24/10** (2006.01)

CPC (source: EP)

C23C 24/10 (2013.01)

Cited by

WO2008113422A1; US2013299470A1; US9346125B2; EP1524061A3; CN103364528A; DE102015225813A1; US6963044B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1127958 A2 20010829; EP 1127958 A3 20030416; EP 1127958 B1 20070718; AT E367459 T1 20070815; DE 10009133 A1 20010830; DE 50112731 D1 20070830

DOCDB simple family (application)

EP 01102134 A 20010201; AT 01102134 T 20010201; DE 10009133 A 20000226; DE 50112731 T 20010201