

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

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