

Title (en)

Process for coating iron or steel supports

Title (de)

Verfahren zum Beschichten von Eisen- und Stahluntergründen

Title (fr)

Procédé pour revêtir des supports en fer ou en acier

Publication

EP 1070552 B1 20021016 (DE)

Application

EP 00114504 A 20000706

Priority

DE 19933698 A 19990717

Abstract (en)

[origin: EP1070552A1] Process for coating the surfaces of workpieces made of iron and steel comprises preparing a metallic almost pure surface; applying a base layer made of a mixture of a zinc powder and a thermally hardenable epoxy powder and thermally treating the workpiece to fix the base layer; applying an intermediate layer of a thermally hardenable epoxy powder and thermally treating the workpiece to fix the intermediate layer; and applying a covering layer of a powder made of a thermally hardenable coating material, especially based on polyester or polyurethane and thermally fixing the covering layer.

IPC 1-7

B05D 7/14; **B05D 7/00**

IPC 8 full level

B05D 7/00 (2006.01); **B05D 7/14** (2006.01)

CPC (source: EP)

B05D 7/14 (2013.01); **B05D 7/586** (2013.01)

Designated contracting state (EPC)

AT BE CH DE ES FR IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1070552 A1 20010124; **EP 1070552 B1 20021016**; AT E226116 T1 20021115; DE 19933698 A1 20010118; DE 50000635 D1 20021121; ES 2185532 T3 20030501; PT 1070552 E 20030331

DOCDB simple family (application)

EP 00114504 A 20000706; AT 00114504 T 20000706; DE 19933698 A 19990717; DE 50000635 T 20000706; ES 00114504 T 20000706; PT 00114504 T 20000706