

Title (en)
METHOD OF SEALING A POROUS COATING

Publication
EP 0079007 B1 19860709 (DE)

Application
EP 82110003 A 19821029

Priority
DE 3143874 A 19811105

Abstract (en)
[origin: EP0079007A1] 1. A method of surface treatment of a porous coating applied to a workpiece, in which the coating gets soaked with a plastics which seals the pores, characterized in that the workpiece is a highly abrasion-resistant machine part, that the workpiece first of all gets provided by the plasma spray method with a coating of a hard substance such as aluminium oxide, tungsten carbide or chromium, that then for the soaking a crosslinkable plastics or varnish is employed, that the plastics at least in the region pointing outwards is hardened by electron radiation and in particular is cross-linked, and that subsequently the surface directly after the cross-linking gets further processed and in particular is ground.

IPC 1-7
B05D 3/06; **B05D 7/14**

IPC 8 full level
B05D 3/06 (2006.01); **B05D 7/24** (2006.01)

CPC (source: EP)
B05D 3/068 (2013.01); **B05D 1/62** (2013.01); **B05D 2350/63** (2013.01)

Cited by
SG106041A1; CN115558319A; CN112713072A; US9943838B2

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EP 0079007 A1 19830518; **EP 0079007 B1 19860709**; DE 3143874 A1 19830511; DE 3143874 C2 19881222

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