

Title (en)
Ion diffusion-induced anti-wear layer.

Title (de)
Ionendifusionsinduzierte Verschleisschutzschicht.

Title (fr)
Couche résistante à l'abrasion obtenue par diffusion ionique.

Publication
EP 0374557 B1 19950614 (DE)

Application
EP 89122279 A 19891202

Priority
DE 3842707 A 19881219

Abstract (en)
[origin: EP0374557A2] Ion diffusion-induced anti-wear layer or consolidation layer of higher hardness on a ground sintered carbide surface, in which lattice defects occur on grinding, into which material fixing the lattice defects has diffused down to a depth of about 100 μ m.

IPC 1-7
C23C 12/00; **C22F 1/00**

IPC 8 full level
C23C 8/80 (2006.01); **C22F 1/00** (2006.01); **C23C 10/60** (2006.01); **C23C 12/00** (2006.01)

CPC (source: EP)
C23C 12/00 (2013.01)

Citation (examination)

- Römpps Chemie Lexikon, 8. Auflage, Band 1, Seite 635
- Römpps Chemie Lexikon, 8. Auflage, Band 3, Seite 1634
- The new Penguin Dictionary of Electronics, Penguin Books, 1979, Seiten 103-104 und 248
- HAM, Prospekt CVOG-Verschleisschutz-Beschichtungen, wann veröffentlicht ?

Cited by
DE102016213352A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI

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EP 0374557 A2 19900627; **EP 0374557 A3 19910807**; **EP 0374557 B1 19950614**; AT E123821 T1 19950615; DE 3842707 A1 19900621; DE 58909297 D1 19950720; JP H02282466 A 19901120

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EP 89122279 A 19891202; AT 89122279 T 19891202; DE 3842707 A 19881219; DE 58909297 T 19891202; JP 32750189 A 19891219