

Title (en)
CERMET AND PROCESS FOR PRODUCING IT

Title (de)
CERMET UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
CERMET ET SON PROCEDE DE PRODUCTION

Publication
EP 0758407 A1 19970219 (DE)

Application
EP 95913058 A 19950329

Priority

- DE 9500434 W 19950329
- DE 4415454 A 19940503
- DE 4423451 A 19940705

Abstract (en)
[origin: US5856032A] PCT No. PCT/DE95/00434 Sec. 371 Date Sep. 30, 1996 Sec. 102(e) Date Sep. 30, 1996 PCT Filed Mar. 29, 1995 PCT Pub. No. WO95/30030 PCT Pub. Date Nov. 9, 1995A cermet including a cermet core zone in which the content of a binder amounts to at most 90% by mass in relationship to a cermet hard phase is formed with a 0.01 to 3 um deep surface layer having an increased resistance to wear compare to the cermet core zone.

IPC 1-7
C22C 29/04; **C22C 1/05**; **B23B 27/14**

IPC 8 full level
B23B 27/14 (2006.01); **C22C 1/05** (2006.01); **C22C 29/02** (2006.01); **C22C 29/04** (2006.01)

CPC (source: EP US)
C22C 29/04 (2013.01 - EP US); **B22F 2998/00** (2013.01 - EP US); **Y10T 428/265** (2015.01 - EP US)

Citation (search report)
See references of WO 9530030A1

Citation (examination)

- PATENT ABSTRACTS OF JAPAN vol. 11 no. 141 (C-421) ,8.Mai 1987 & JP,A,61 281835
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US 5856032 A 19990105; AT E163203 T1 19980215; EP 0758407 A1 19970219; EP 0758407 B1 19980211; ES 2112053 T3 19980316; JP H09512308 A 19971209; WO 9530030 A1 19951109

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