

Title (en)
SINTERED PART MADE OF STAINLESS STEEL POWDER

Title (de)
GESINTERTES BAUTEIL AUS EDELSTAHPULVER

Title (fr)
PART FRITTE FAIT DE POUDRE D'ACIER INOXYDABLE

Publication
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Application
EP 05755291 A 20050701

Priority
• SE 2005001086 W 20050701
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Abstract (en)
[origin: WO2006004529A1] The invention concerns a stainless steel powder and composition comprising at least 10w-t% chromium. Vanadium is present in an amount of at least 4 times the amount of carbon and nitrogen. The steel powder comprises 10-30% chromium, 0.1-1.0 vanadium, 0.5-1.5% silicon, less than 0.1% carbon and less than 0.07% nitrogen. A process for preparing a sintered part and a sintered part are also claimed.

IPC 8 full level
B22F 1/10 (2022.01); **C22C 33/02** (2006.01)

IPC 8 main group level
C22C (2006.01)

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Cited by
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WO 2006004529 A1 20060112; AT E483541 T1 20101015; AU 2005260139 A1 20060112; AU 2005260139 B2 20090903; BR PI0512943 A 20080415; CA 2572130 A1 20060112; CA 2572130 C 20110118; CN 101124058 A 20080213; CN 101124058 B 20100616; DE 602005023998 D1 20101118; DK 1768803 T3 20110131; EP 1768803 A1 20070404; EP 1768803 B1 20101006; ES 2354019 T3 20110309; JP 2008505248 A 20080221; JP 4580984 B2 20101117; MX PA06015244 A 20070315; RU 2007104054 A 20080810; RU 2345866 C2 20090210; SE 0401707 D0 20040702; TW 200605972 A 20060216; TW I279268 B 20070421; UA 83145 C2 20080610; ZA 200700040 B 20080625

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