

Title (en)
Super clean steel

Title (de)
Ultrareiner Stahl

Title (fr)
Acier superpurifié

Publication
EP 1094124 A3 20010509 (EN)

Application
EP 00850090 A 20000519

Priority
SE 9903736 A 19991018

Abstract (en)
[origin: EP1094124A2] A super clean steel for use in objects subjected to heavy loads in all directions, such as in fuel injection pumps or bearings, comprising, in weight, O max. 7 ppm, Ti max. 15 ppm, and S between about 8 ppm and about 12 ppm, and having a K1(total) value according to DIN 50 602 of below 2.5. <IMAGE>

IPC 1-7
C22C 38/00

IPC 8 full level
C22C 38/00 (2006.01); **F02M 59/44** (2006.01)

CPC (source: EP)
C22C 38/00 (2013.01); **F02M 59/445** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 262 (C - 442) 25 August 1987 (1987-08-25)
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- [A] LUND, TB, ÖLUND, L J P: "IMPROVING PRODUCTION, CONTROL AND PROPERTIES OF BEARING STEELS INTENDED FOR DEMANDING APPLICATIONS", PROCEEDINGS OF "ADVANCES IN THE PRODUCTION AND USE OF STEEL WITH IMPROVED INTERNAL CLEANLINESS" (4-7 MAY 1998), January 1999 (1999-01-01), pages 32 - 48, XP002160791

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