

Title (en)

SINTERED ALLOY, METHOD FOR PRODUCTION THEREOF AND VALVE SHEET

Title (de)

SINTERLEGIERUNG; VERFAHREN ZU IHRER HERSTELLUNG UND VENTILFLÄCHE

Title (fr)

ALLIAGE FRITTE, PROCEDE DE FABRICATION CORRESPONDANT ET PLAQUE A SOUPAPE

Publication

EP 1405928 A4 20060830 (EN)

Application

EP 02733371 A 20020606

Priority

- JP 0205632 W 20020606
- JP 2001174885 A 20010608

Abstract (en)

[origin: EP1405928A1] A sintered alloy, characterized in that it comprises, relative to 100 wt.% of the whole alloy, 4 to 30 wt.% of Mo, 0.2 to 3 wt.% of C, 1 to 30 wt.% of Ni, 0.5 to 10 wt.% of Mn, 2 to 40 wt.% of Co and Fe. A method for producing the sintered alloy comprises forming a green compact from a raw material mixed powder containing hard particles and sintering the green compact; and a valve sheet comprising the sintered alloy.

IPC 1-7

C22C 30/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] GB 931961 A 19630724 - BIRMINGHAM SMALL ARMS CO LTD
- See references of WO 02101107A1

Cited by

EP1536028A3; WO2011101706A1; US7601196B2; US7294167B2

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DOCDB simple family (publication)

EP 1405928 A1 20040407; **EP 1405928 A4 20060830**; **EP 1405928 B1 20080903**; CN 1284876 C 20061115; CN 1541280 A 20041027; DE 60228711 D1 20081016; ES 2314061 T3 20090316; JP 2002363681 A 20021218; JP 4624600 B2 20110202; US 2004194576 A1 20041007; WO 02101107 A1 20021219

DOCDB simple family (application)

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