

Title (en)
SINTERED IRON-BASE ALLOY

Publication
EP 0130177 B1 19861203 (DE)

Application
EP 84890116 A 19840620

Priority
AT 231683 A 19830623

Abstract (en)
[origin: EP0130177A1] 1. Sintered iron-base alloy with carbon, chromium, niobium, molybdenum, vanadium, tungsten, and optionally boron and/or tantalum, more particularly for cold-working tools, characterised in that it comprises the following percentages by weight : carbon 2.3 to 4.4, more particularly 3.5 to 4.4, chromium 11.0 to 15.0 molybdenum 0.2 to 2.0 vanadium 3.5 to 6.5 tungsten 0.2 to 3.0 niobium 0.1 to 2.5 preferably 0.02 to 0.5 silicon, preferably 0.4 to 0.7 manganese, preferably 0.05 to 2.0 tantalum, preferably 0.02 to 2.0 boron, the remainder being iron and impurities resulting from manufacture.

IPC 1-7
C22C 33/02

IPC 8 full level
C22C 33/02 (2006.01)

CPC (source: EP)
C22C 33/0285 (2013.01)

Cited by
US9624568B2; CN105307803A; US5856625A; EP0322397A3; US2013186237A1; WO2014149932A1; WO9628580A1; US9546412B2; US9162285B2; US10124411B2; US10543535B2

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