

Title (en)  
STEEL, PARTICULARLY FOR HOT-WORKING TOOLS

Publication  
**EP 0205417 B1 19891129 (DE)**

Application  
**EP 86890149 A 19860521**

Priority  
AT 156285 A 19850523

Abstract (en)  
[origin: EP0205417A1] 1. Steel, in particular for tools for hot-working of metals and alloys, e.g. aluminium alloys and copper alloys, which is composed of the following in the stated percentage by weight : carbon 0.35 to 0.45 molybdenum + tungsten 2.5 to 2.7 manganese 1.7 to 1.8 silicon 0.55 to 0.7 vanadium 0.8 to 0.95 chromium 2.4 to 2.7 niobium 0.2 to 0.3 boron 0.002 to 0.009 aluminium 0.0 to 0.2 iron residue, and impurities caused by manufacture.

IPC 1-7  
**C22C 38/22; C22C 38/24**

IPC 8 full level  
**C22C 38/00** (2006.01); **C22C 38/24** (2006.01); **C22C 38/38** (2006.01)

CPC (source: EP)  
**C22C 38/24** (2013.01)

Cited by  
EP0431557A1; WO2017109233A1

Designated contracting state (EPC)  
BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)  
**EP 0205417 A1 19861217; EP 0205417 B1 19891129**; AT 388943 B 19890925; AT A156285 A 19890215; DE 3667181 D1 19900104; ES 555210 A0 19870316; ES 8704213 A1 19870316; JP S61272353 A 19861202

DOCDB simple family (application)  
**EP 86890149 A 19860521**; AT 156285 A 19850523; DE 3667181 T 19860521; ES 555210 A 19860522; JP 10783486 A 19860513