

Title (en)

IMPROVEMENTS TO STEEL FOR FORMING TOOLS

Title (de)

VERBESSERTE STÄHLE FÜR FORMGEBUNGSWERKZEUGE

Title (fr)

PERFECTIONNEMENTS APPORTES AUX ACIERS POUR OUTILS DE MISE EN FORME

Publication

EP 0990055 A1 20000405 (FR)

Application

EP 98920603 A 19980409

Priority

- FR 9800725 W 19980409
- FR 9612339 A 19961004

Abstract (en)

[origin: FR2754275A1] Steel made by powder metallurgy from pre-alloyed powder comprises by weight less than 1%, preferably 0.20-0.40% manganese, less than 1% preferably 0.20-0.40%, silicon, 6.05-6.45% chromium, 2.50-3.50% preferably 2.75-3.25%, molybdenum, 0.80-2% preferably 0.90-1.30% vanadium, less than 0.5% tungsten, less than 0.020% sulphur, less than 0.030% phosphorous, 0.60-1.60% preferably 0.70-1.10% niobium, 2-5% preferably 2.60-3.40% cobalt, 0.050-0.080% nitrogen, less than 0.060% aluminium, 0.75-0.95% preferably 0.78-0.85% carbon and less than 0.50 preferably less than 0.30% nickel, the remainder being iron and impurities.

IPC 1-7

C22C 33/02; **C22C 38/30**

IPC 8 full level

B22F 1/00 (2006.01); **C22C 33/02** (2006.01); **C22C 38/22** (2006.01); **C22C 38/30** (2006.01)

CPC (source: EP)

C22C 33/0285 (2013.01); **C22C 38/001** (2013.01); **C22C 38/22** (2013.01); **C22C 38/24** (2013.01); **C22C 38/26** (2013.01); **C22C 38/30** (2013.01)

Citation (search report)

See references of WO 9953112A1

Designated contracting state (EPC)

AT CH DE ES GB IT LI

DOCDB simple family (publication)

FR 2754275 A1 19980410; **FR 2754275 B1 19981224**; AT E221928 T1 20020815; BR 9815563 A 20060214; DE 69807080 D1 20020912; DE 69807080 T2 20030206; EP 0990055 A1 20000405; EP 0990055 B1 20020807; ES 2181215 T3 20030216; WO 9953112 A1 19991021

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