

Title (en)  
COLD WORK STEEL

Title (de)  
KALTARBEITSSTAHL

Title (fr)  
ACIER D'ECROUISSAGE

Publication  
**EP 1068367 B1 20030514 (EN)**

Application  
**EP 99919719 A 19990308**

Priority  
• SE 9900346 W 19990308  
• SE 9801045 A 19980327

Abstract (en)  
[origin: WO9950469A1] A cold work steel has the following chemical composition in weight. %: 0.82-0.97 C, from traces to max. 1.10 Si, from traces to max. 0.62 Mn, at least 7.6 but less than 8.0 Cr, 2.30-2.70 Mo, 0.35-0.55 V, balance iron and impurities in normal amounts in the form of residual elements from the manufacture of the steel.

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

IPC 8 full level  
**C22C 38/00** (2006.01); **C21D 6/00** (2006.01); **C22C 38/18** (2006.01); **C22C 38/22** (2006.01); **C22C 38/24** (2006.01); **C21D 1/18** (2006.01)

CPC (source: EP KR)  
**C21D 6/002** (2013.01 - EP); **C22C 38/18** (2013.01 - EP); **C22C 38/22** (2013.01 - EP); **C22C 38/24** (2013.01 - EP KR); **C21D 1/18** (2013.01 - EP); **C21D 2211/003** (2013.01 - EP); **C21D 2211/008** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT

DOCDB simple family (publication)  
**WO 9950469 A1 19991007**; AT E240418 T1 20030515; AU 3737499 A 19991018; AU 740280 B2 20011101; BR 9909159 A 20001205; CA 2325453 A1 19991007; CA 2325453 C 20080513; CN 1098369 C 20030108; CN 1295625 A 20010516; DE 69907896 D1 20030618; DE 69907896 T2 20040219; DE 69907896 T4 20051027; EP 1068367 A1 20010117; EP 1068367 B1 20030514; ES 2197637 T3 20040101; HK 1033964 A1 20011005; JP 2002509987 A 20020402; KR 100562760 B1 20060323; KR 20010072559 A 20010731; SE 511747 C2 19991115; SE 9801045 D0 19980327; SE 9801045 L 19990928; TW 500810 B 20020901

DOCDB simple family (application)  
**SE 9900346 W 19990308**; AT 99919719 T 19990308; AU 3737499 A 19990308; BR 9909159 A 19990308; CA 2325453 A 19990308; CN 99804471 A 19990308; DE 69907896 A 19990308; DE 69907896 T 19990308; EP 99919719 A 19990308; ES 99919719 T 19990308; HK 01104421 A 20010627; JP 2000541355 A 19990308; KR 20007010728 A 20000927; SE 9801045 A 19980327; TW 88113776 A 19990812