

Title (en)
HOT-WORK TOOL STEEL AND A PROCESS FOR MAKING A HOT-WORK TOOL STEEL

Title (de)
WARMARBEITSSTAHL UND VERFAHREN ZUR HERSTELLUNG DER WARMARBEITSSTAHL

Title (fr)
ACIER À OUTILS POUR TRAVAIL À CHAUD ET PROCÉDÉ DE FABRICATION D'UN TEL ACIER

Publication
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Application
EP 12707998 A 20120301

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Abstract (en)
[origin: WO2012119925A1] A low-chromium hot-work tool steel consisting of (in wt-%): C 0.08-0.40 N 0.015-0.30 C +N 0.30-0.50 Cr 1-4 Mo 1.5-3 V 0.8-1.3 Mn 0.5-2 Si 0.1-0.5 optionally Ni <3 Co =5 B < 0.01 Fe balance apart from impurities, and A process for making a low-chromium hot-work tool steel article having increased tempering resistance.

IPC 8 full level
C21D 6/02 (2006.01); **B22F 1/00** (2022.01); **B22F 1/145** (2022.01); **B22F 3/14** (2006.01); **C21D 1/25** (2006.01); **C21D 1/32** (2006.01); **C21D 8/00** (2006.01); **C21D 9/00** (2006.01); **C22C 33/02** (2006.01); **C22C 38/00** (2006.01); **C22C 38/22** (2006.01); **C22C 38/24** (2006.01); **C22C 38/30** (2006.01); **C22C 38/32** (2006.01); **C22C 38/38** (2006.01); **C22C 38/44** (2006.01); **C22C 38/46** (2006.01); **C22C 38/52** (2006.01); **C22C 38/54** (2006.01); **C22C 38/58** (2006.01)

CPC (source: EP KR SE US)
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