

Title (en)  
Corrosion and wear resistant cold work tool steel

Title (de)  
Korrosions- und verschleißfester Kaltarbeitsstahl

Title (fr)  
Acier à outils pour travail à froid résistant à la corrosion et à l'usure

Publication  
**EP 2857126 A2 20150408 (EN)**

Application  
**EP 14187555 A 20141002**

Priority  
SE 1351164 A 20131002

Abstract (en)  
The invention relates to a corrosion and wear resistance cold work tool steel. The steel comprises the following main components (in wt. %): C 0.3 - 0.8 N 1.0-2.2 (C+N) 1.3 - 2.2 C/N 0.17 - 0.50 Si # 1.0 Mn 0.2 - 2.0 Cr 13-30 Mo 0.5 - 3.0 V 2.0 - 5.0 balance optional elements, iron and impurities.

IPC 8 full level  
**B22F 3/15** (2006.01); **B22F 1/00** (2022.01); **C22C 33/02** (2006.01); **C22C 38/18** (2006.01); **C22C 38/40** (2006.01)

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**B22F 1/00** (2013.01 - EP KR RU US); **B22F 3/15** (2013.01 - EP US); **B22F 3/24** (2013.01 - US); **B22F 9/08** (2013.01 - US); **C21D 1/18** (2013.01 - EP US); **C21D 1/613** (2013.01 - EP US); **C21D 6/002** (2013.01 - EP US); **C21D 6/005** (2013.01 - EP US); **C21D 6/008** (2013.01 - EP US); **C21D 9/0068** (2013.01 - EP US); **C22C 33/02** (2013.01 - RU); **C22C 33/0285** (2013.01 - EP US); **C22C 38/001** (2013.01 - EP KR US); **C22C 38/02** (2013.01 - EP KR US); **C22C 38/04** (2013.01 - EP US); **C22C 38/22** (2013.01 - EP US); **C22C 38/24** (2013.01 - EP RU US); **C22C 38/30** (2013.01 - RU); **C22C 38/40** (2013.01 - EP KR US); **C22C 38/42** (2013.01 - KR); **C22C 38/44** (2013.01 - KR); **C22C 38/46** (2013.01 - KR); **C22C 38/48** (2013.01 - KR); **C22C 38/50** (2013.01 - KR); **C22C 38/52** (2013.01 - KR); **C22C 38/54** (2013.01 - KR); **C22C 38/60** (2013.01 - KR); **C23C 8/24** (2013.01 - US); **C23C 8/80** (2013.01 - US); **B22F 2003/248** (2013.01 - US); **B22F 2201/02** (2013.01 - US); **B22F 2301/35** (2013.01 - US)

Citation (applicant)  
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