

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

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Application
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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
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B22F 2201/02 (2013.01 - US); **B22F 2301/35** (2013.01 - US)

Citation (applicant)
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CN 105705667 A 20160622; CN 105705667 B 20171121; DK 2857126 T3 20160704; ES 2588539 T3 20161103; HU E030403 T2 20170529;
JP 2016537503 A 20161201; JP 6488287 B2 20190320; KR 102256012 B1 20210524; KR 20160065165 A 20160608;
MX 2016004080 A 20161013; PL 2857126 T3 20161130; PT 2857126 T 20160818; RU 2016109549 A 20171110; RU 2016109549 A3 20180629;
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