

Title (en)  
CASE HARDENED STEEL WITH HIGH TEMPERING TEMPERATURE, METHOD FOR OBTAINING SAME AND PARTS FORMED WITH SAID STEEL

Title (de)  
EINSATZSTAHL MIT HOHER ANLASSTEMPERATUR, HERSTELLUNGSVERFAHREN FÜR DIESEN STAHL UND WERKSTÜCKE AUS DIESEM STAHL

Title (fr)  
ACIER DE CEMENTATION A TEMPERATURE DE REVENU ELEVEE, PROCEDE POUR SON OBTENTION ET PIECES FORMEES AVEC CET ACIER

Publication  
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Application  
**EP 99926549 A 19990628**

Priority  
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• FR 9808247 A 19980629

Abstract (en)  
[origin: US6699333B1] The invention discloses a carburizing steel composition comprising, by weight:0.06% to 0.18% of C;0.5% to 1.5% of Si;0.2% to 1.5% of Cr;1% to 3.5% of Ni;1.1% to 3.5% of Mo;and, if appropriate:at most 1.6% of Mn; and/orat most 0.4% of V; and/orat most 2% of Cu; and/orat most 4% of Co;the complement being constituted by iron and residual impurities;the amounts of Ni, Mn, Cu, Co, Cr, Mo and V in said composition, expressed by weight, satisfying the following relationships:and a process for producing carburized and treated parts produced from the compositions.

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IPC 8 full level  
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Cited by  
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**US 6699333 B1 20040302**; AR 019175 A1 20011226; AT E216739 T1 20020515; BR 9912226 A 20010508; CA 2335911 A1 20000106; CA 2335911 C 20090901; DE 69901345 D1 20020529; DE 69901345 T2 20021219; DK 1097248 T3 20020701; EP 1097248 A1 20010509; EP 1097248 B1 20020424; ES 2175985 T3 20021116; FR 2780418 A1 19991231; FR 2780418 B1 20000908; WO 0000658 A1 20000106

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