Title (en)

LOW ALLOY STEEL HAVING GOOD STRESS CORROSION CRACKING RESISTANCE

Publication

EP 0225425 B1 19910821 (EN)

Application

EP 86108534 A 19860623

Priority

JP 24970785 A 19851106

Abstract (en)

[origin: EP0225425A2] The present invention relates to low alloy steel and specifically to nickel-chrome-molybdenum steel. A low alloy steel having excellent stress corrosion cracking resistance containing C : @</=@ 0.40 %, Si : @</= @ 0.15 %, Mn : @</=@ 0.20 %, P : @</=@ 0.010 %, S : @</=@ 0.030% Ni : 0.50 to 4.00 %, Cr : 0.50 to 2.50 %, Mo : 0.25 to 4.00 % and V : @</=@ 0.30 %, said Si, Mn and P being fulfilled with relationship of Si + Mn + 20P @</=@ 0.30 %, the remainder comprising Fe and unavoidable impurities, the prior austenite crystal grain size being in excess of 4 of ASTM crystal grain size number.

IPC 1-7

C22C 38/44

IPC 8 full level

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CPC (source: EP)

C22C 38/44 (2013.01); **C22C 38/46** (2013.01)

Cited by

DE102014016073A1; EP4008801A1; EP2671959A1; EP2159296A4; EP0505085A1; US5288455A; EP0761836A1; EP0384181A3; EP0805220A1; FR2748036A1; US5855845A; AU708786B2; DE102016005532A1; US6224334B1

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