

Title (en)
LOW ALLOY STEELS

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Application
EP 87109046 A 19870624

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• DE 3719569 A 19870612

Abstract (en)
[origin: US4838963A] The invention relates to a micro-alloyed pearlitic steels contain 0.20 to 0.50% C, 0.40 to 1.0% Si, 0,80 to 1,80% Mn, 0.008 to 0.2% S, 0 to 0.7% Cr, 0 to 0.1% Al, 0 to 0.04% N, 0.01 to 0.05% Ti, remainder iron and impurities resulting from the melting process, with mixed sulphides (manganese, titanium carbonitrides, and the like) precipitated on the grain boundaries. The steel may preferably contain an additional content of up to 0.20% V and/or up to 0.10% Nb.

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Citation (search report)
• [Y] DE 1608162 B1 19720629 - HOESCH AG
• [Y] DE 2116357 A1 19720203 - NIPPON STEEL CORP
• [A] FR 2087818 A5 19711231 - BRITISH STEEL CORP, et al
• [A] FR 2274704 A1 19760109 - FERROTEST GMBH [CH]
• [A] FR 2023915 A1 19700821 - NIPPON KOKAN KK

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US 4838963 A 19890613; AT E70567 T1 19920115; DE 3719569 A1 19880121; DE 3719569 C2 19880623; DE 3775298 D1 19920130; EP 0255597 A2 19880210; EP 0255597 A3 19890111; EP 0255597 B1 19911218; ES 2027998 T3 19920701; FI 872933 A0 19870702; FI 872933 A 19880106; FI 88625 B 19930226; GR 3003399 T3 19930217; KR 880003023 A 19880513

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