

Title (en)  
Silicon alloyed steel.

Title (de)  
Siliziumstahl.

Title (fr)  
Acier au silicium.

Publication  
**EP 0003208 A1 19790725 (EN)**

Application  
**EP 79850001 A 19790104**

Priority  
FI 780026 A 19780105

Abstract (en)  
This invention is related to a high strength steel provided with a bainitic-austenitic microstructure which is accomplished by isothermal heat treatment. Said steel contains various alloying elements in the following amounts expressed as weight percentage: Carbon (C) 0.8 - 1.2% Silicon (Si) 2.0 - 2.6% Manganese (Mn) 0.3 - 1.0%, preferably 0.3 - 0.5%, the remainder consisting of iron and normal impurities.

IPC 1-7  
**C22C 38/02**; **C21D 1/20**; **C22C 38/08**; **C22C 38/12**; **C22C 38/34**; **C22C 38/40**; **C22C 38/44**; **C22C 38/48**

IPC 8 full level  
**C21D 1/20** (2006.01); **C22C 38/02** (2006.01)

CPC (source: EP)  
**C21D 1/20** (2013.01); **C22C 38/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
BE CH DE FR GB NL SE

DOCDB simple family (publication)  
**EP 0003208 A1 19790725**; CA 1130617 A 19820831; DK 583778 A 19790706; FI 780026 A 19790706; IT 1110730 B 19860106; IT 7919100 A0 19790105; NO 790013 L 19790706

DOCDB simple family (application)  
**EP 79850001 A 19790104**; CA 319150 A 19790104; DK 583778 A 19781228; FI 780026 A 19780105; IT 1910079 A 19790105; NO 790013 A 19790103