

Title (en)  
HIGH TEMPERATURE BOLT MATERIAL

Title (de)  
HOCHTEMPERATURBOLZENMATERIAL

Title (fr)  
MATERIAU DE BOULON HAUTE TEMPERATURE

Publication  
**EP 1681359 A1 20060719 (EN)**

Application  
**EP 04772713 A 20040827**

Priority  
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Abstract (en)  
A high temperature bolt material, characterized in that it is a ferrite steel comprising 8 wt % or more of Cr and having a tempered martensite structure and can be used in a high temperature region of higher than 500°C; and a method for producing the high temperature bolt material which comprises subjecting the above-mentioned steel material to a heat treatment comprising a quenching or normalizing at a temperature of 1000°C or higher and then to a tempering at a temperature of 730°C or higher. The above ferrite steel high temperature bolt material is excellent in characteristics of the resistance to stress relaxation.

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IPC 8 full level  
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Cited by  
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