

Title (en)

Heavy wall steel material having superior weldability and method for producing the same

Title (de)

Stahlwerkstoff mit verbesserter Schweissbarkeit für dickwandige Bauteile und Herstellungsverfahren

Title (fr)

Matériau en acier ayant une soudabilité améliorée pour éléments de construction à paroi épaisse et procédé de fabrication

Publication

EP 1031636 A2 20000830 (EN)

Application

EP 00301481 A 20000224

Priority

JP 4896299 A 19990225

Abstract (en)

A tough high strength heavy wall steel material having superior weldability is provided, said steel material has a diameter or a side 5 mm or more in length, and comprises oxides 1 μ m or less in particle diameter homogeneously dispersed at a dispersion density in a range of from 10,000 to 100,000 particles/mm² and uniform ferrite grains 2 μ m or less in grain diameter formed over the entire plane making a right angle with respect to the rolling direction. <IMAGE>

IPC 1-7

C22C 1/10; **C22C 38/04**; **C21D 8/00**

IPC 8 full level

C21D 8/00 (2006.01); **C21D 8/06** (2006.01); **C22C 1/10** (2006.01); **C22C 32/00** (2006.01); **C22C 33/04** (2006.01); **C22C 38/00** (2006.01); **C22C 38/04** (2006.01); **C22C 38/14** (2006.01)

CPC (source: EP KR US)

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C-Set (source: EP US)

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