

Title (en)

HIGH-STRENGTH HOT-ROLLED STEEL SHEET AND METHOD FOR PRODUCING SAME

Title (de)

HOCHFESTES HEISSGEWALZTES STAHLBLECH UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

TÔLE EN ACIER LAMINÉE À CHAUD HAUTEMENT RÉSISTANTE, ET PROCÉDÉ DE FABRICATION DE CELLE-CI

Publication

EP 2808413 A4 20160504 (EN)

Application

EP 13740782 A 20130121

Priority

- JP 2012013592 A 20120126
- JP 2013000257 W 20130121

Abstract (en)

[origin: EP2808413A1] The present invention provides a high-strength hot-rolled steel sheet having both excellent strength and excellent workability (particularly, bending workability), and a method of producing the same. The steel sheet of the present invention has a certain composition as well as microstructures such that an area ratio of ferrite phase is 95 % or more, an average grain size of the ferrite phase is 8 μm or less, and carbides in grains of the ferrite phase have an average particle size of less than 10 nm. The steel sheet of the present invention also has a tensile strength of 980 MPa or more.

IPC 8 full level

C22C 38/00 (2006.01); **B21B 3/00** (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/02** (2006.01); **C22C 38/04** (2006.01); **C22C 38/12** (2006.01); **C22C 38/14** (2006.01); **C22C 38/60** (2006.01); **C23C 2/02** (2006.01); **C23C 2/06** (2006.01); **C23C 2/28** (2006.01)

CPC (source: EP US)

C21D 8/0226 (2013.01 - EP US); **C21D 8/0263** (2013.01 - EP US); **C21D 8/0284** (2013.01 - EP US); **C21D 9/46** (2013.01 - EP US); **C22C 38/001** (2013.01 - EP US); **C22C 38/002** (2013.01 - US); **C22C 38/005** (2013.01 - US); **C22C 38/007** (2013.01 - US); **C22C 38/008** (2013.01 - US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - US); **C22C 38/10** (2013.01 - US); **C22C 38/12** (2013.01 - EP US); **C22C 38/14** (2013.01 - EP US); **C22C 38/42** (2013.01 - US); **C22C 38/46** (2013.01 - US); **C22C 38/50** (2013.01 - US); **C22C 38/54** (2013.01 - US); **C22C 38/60** (2013.01 - EP US); **C23C 2/02** (2013.01 - EP US); **C23C 2/0224** (2022.08 - EP US); **C21D 2211/004** (2013.01 - EP US); **C21D 2211/005** (2013.01 - EP US); **Y10T 428/12799** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2808413 A1 20141203; **EP 2808413 A4 20160504**; **EP 2808413 B1 20170426**; CN 104053806 A 20140917; CN 104053806 B 20180710; JP 5565534 B2 20140806; JP WO2013111556 A1 20150511; KR 20140103340 A 20140826; US 2015030880 A1 20150129; WO 2013111556 A1 20130801

DOCDB simple family (application)

EP 13740782 A 20130121; CN 201380005846 A 20130121; JP 2013000257 W 20130121; JP 2013555188 A 20130121; KR 20147019785 A 20130121; US 201314374124 A 20130121