Title (en)

HIGH-STRENGTH HIGH-DUCTILITY STEEL SHEET

Title (de)

HOCHFESTES KALTGEWALZTES STAHLBLECH

Title (fr)

TÔLE D'ACIER À HAUTE RÉSISTANCE ET À HAUTE DUCTILITÉ

Publication

EP 3225708 A4 20180502 (EN)

Application

EP 15862199 A 20151125

Priority

- JP 2014238710 A 20141126
- JP 2015083078 W 20151125

Abstract (en)

[origin: EP3225708A1] A high-strength, high-ductility steel sheet including a characteristic alloy component, the steel structure thereof including 8 area% residual austenite with respect to the entire structure, the remainder being one or more of bainite, martensite, tempering bainite, and tempering martensite, and the average carbon concentration and the standard deviation of the carbon concentration distribution in the residual austenite each being in a specific range.

IPC 8 full level

C21D 1/20 (2006.01); **C21D 6/00** (2006.01); **C21D 8/00** (2006.01); **C21D 8/02** (2006.01); **C21D 8/04** (2006.01); **C21D 9/46** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/04** (2006.01); **C22C 38/06** (2006.01); **C22C 38/08** (2006.01); **C22C 38/12** (2006.01); **C22C 38/14** (2006.01); **C22C 38/16** (2006.01); **C22C 38/18** (2006.01); **C22C 38/58** (2006.01)

CPC (source: EP KR US)

C21D 1/20 (2013.01 - EP US); **C21D 8/005** (2013.01 - EP US); **C21D 8/0205** (2013.01 - EP US); **C21D 8/0226** (2013.01 - EP US); **C21D 8/0236** (2013.01 - EP US); **C21D 8/0247** (2013.01 - EP US); **C21D 8/04** (2013.01 - EP US); **C21D 8/0405** (2013.01 - EP US); **C21D 8/0421** (2013.01 - EP US); **C21D 8/0447** (2013.01 - EP US); **C21D 9/46** (2013.01 - EP KR US); **C22C 38/00** (2013.01 - EP US); **C22C 38/002** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP KR US); **C22C 38/04** (2013.01 - EP KR US); **C22C 38/06** (2013.01 - EP KR US); **C22C 38/08** (2013.01 - EP US); **C22C 38/12** (2013.01 - EP US); **C22C 38/14** (2013.01 - EP US); **C22C 38/16** (2013.01 - EP US); **C22C 38/18** (2013.01 - EP US); **C22C 38/58** (2013.01 - EP KR US); C21D 6/005 (2013.01 - EP US); C21D 6/008 (2013.01 - EP US); C21D 8/0426 (2013.01 - EP US); C21D 8/0436 (2013.01 - EP US); C21D 2211/001 (2013.01 - KR); C21D 2211/002 (2013.01 - EP US); C21D 2211/008 (2013.01 - EP US)

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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)

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DOCDB simple family (application)

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