

Title (en)
HIGH STRENGTH STEEL SHEET

Title (de)
HOCHFESTES STAHLBLECH

Title (fr)
TÔLE D'ACIER À RÉSISTANCE ÉLEVÉE

Publication
EP 3214200 A4 20180328 (EN)

Application
EP 15856045 A 20151022

Priority
• JP 2014223751 A 20141031
• JP 2015079874 W 20151022

Abstract (en)
[origin: EP3214200A1] Provided is a high strength steel sheet capable of securing high strength before and even after PWHT is performed for a long period, for example, of 15 hours or more. The high strength steel sheet comprises a predetermined component composition, an estimated precipitation amount P 0 is 1.50 or more which is obtained from amounts of Nb, Mo and C, and a metallographic structure satisfies a proportion of ferrite: 60 area% or more; and bainite: 4 area% or more, relative to an entire structure,

IPC 8 full level
C22C 38/00 (2006.01); **C21D 1/30** (2006.01); **C21D 6/02** (2006.01); **C21D 8/02** (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 38/42** (2006.01); **C22C 38/44** (2006.01); **C22C 38/46** (2006.01); **C22C 38/48** (2006.01); **C22C 38/50** (2006.01); **C22C 38/58** (2006.01)

CPC (source: EP KR)
C21D 8/0226 (2013.01 - EP); **C21D 9/50** (2013.01 - EP); **C22C 38/001** (2013.01 - EP); **C22C 38/02** (2013.01 - EP); **C22C 38/04** (2013.01 - EP KR); **C22C 38/06** (2013.01 - EP); **C22C 38/08** (2013.01 - EP KR); **C22C 38/12** (2013.01 - EP KR); **C22C 38/14** (2013.01 - EP KR); **C22C 38/16** (2013.01 - EP KR); **C22C 38/42** (2013.01 - EP KR); **C22C 38/44** (2013.01 - EP KR); **C22C 38/46** (2013.01 - EP); **C22C 38/48** (2013.01 - EP KR); **C22C 38/50** (2013.01 - EP); **C22C 38/58** (2013.01 - EP KR); **C21D 2211/002** (2013.01 - EP KR); **C21D 2211/004** (2013.01 - EP); **C21D 2211/005** (2013.01 - EP KR)

Citation (search report)
• [A] EP 2749668 A1 20140702 - NIPPON STEEL & SUMITOMO METAL CORP [JP]
• [A] CN 102691007 A 20120926 - BAOSHAN IRON & STEEL
• [A] JP 2001355038 A 20011225 - SUMITOMO METAL IND
• [A] WO 2004031420 A1 20040415 - SUMITOMO METAL IND [JP], et al
• [A] EP 1026275 A1 20000809 - NIPPON STEEL CORP [JP]
• [A] EP 2505682 A1 20121003 - JFE STEEL CORP [JP]
• See references of WO 2016068024A1

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

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DOCDB simple family (application)
EP 15856045 A 20151022; CN 201580058247 A 20151022; JP 2014223751 A 20141031; JP 2015079874 W 20151022; KR 20177010756 A 20151022