

Title (en)
HOT-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME

Title (de)
WARMGEWALZTES STAHLBLECH UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
FEUILLE D'ACIER LAMINÉE À CHAUD ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4317504 A1 20240207 (EN)

Application
EP 22780434 A 20220323

Priority
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• JP 2022013740 W 20220323

Abstract (en)
There is provided a hot-rolled steel sheet having excellent stretch flangeability. A hot-rolled steel sheet has a chemical composition containing, by mass%, C: 0.10% or less, Si: 2.0% or less, Mn: 2.0% or less, P: 0.100% or less, S: 0.02% or less, Al: 1.5% or less, and O: 0.0025% or less, the balance being Fe and incidental impurities, in which a main phase is ferrite, and a maximum orientation density of grains is 2.1 or less.

IPC 8 full level
C22C 38/00 (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/06** (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP KR US)
B21B 1/22 (2013.01 - US); **C21D 1/02** (2013.01 - EP); **C21D 1/18** (2013.01 - US); **C21D 6/001** (2013.01 - US); **C21D 6/002** (2013.01 - US); **C21D 6/005** (2013.01 - US); **C21D 6/008** (2013.01 - US); **C21D 8/0205** (2013.01 - EP US); **C21D 8/0226** (2013.01 - EP KR US); **C21D 8/0247** (2013.01 - US); **C21D 8/0263** (2013.01 - EP); **C21D 9/46** (2013.01 - EP KR US); **C22C 38/002** (2013.01 - EP US); **C22C 38/004** (2013.01 - US); **C22C 38/005** (2013.01 - EP US); **C22C 38/008** (2013.01 - EP KR 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 - US); **C22C 38/32** (2013.01 - EP); **C22C 38/34** (2013.01 - EP); **C22C 38/38** (2013.01 - EP); **C22C 38/42** (2013.01 - KR); **C22C 38/44** (2013.01 - KR); **C22C 38/46** (2013.01 - KR); **C22C 38/50** (2013.01 - KR); **C22C 38/58** (2013.01 - KR); **C22C 38/60** (2013.01 - EP US); **B21B 2001/225** (2013.01 - US); **C21D 2201/05** (2013.01 - EP); **C21D 2211/005** (2013.01 - EP KR US); **C21D 2211/009** (2013.01 - US)

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KH MA MD TN

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