

Title (en)
HIGH-CARBON HOT-ROLLED STEEL SHEET HAVING EXCELLENT SURFACE QUALITY AND MANUFACTURING METHOD THEREFOR

Title (de)
WARMGEWALZTES STAHLBLECH MIT HOHEM KOHLENSTOFFGEHALT UND HERVORRAGENDEN OBERFLÄCHENQUALITÄT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
FEUILLARD D'ACIER À HAUTE TENEUR EN CARBONE LAMINÉ À CHAUD OFFRANT UNE EXCELLENTE QUALITÉ DE SURFACE, ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3556895 A1 20191023 (EN)

Application
EP 17880634 A 20171208

Priority
• KR 20160170370 A 20161214
• KR 2017014362 W 20171208

Abstract (en)
The present invention relates to a hot-rolled steel sheet suitable for construction, tools, vehicle parts, and the like and, more particularly to a high-carbon hot-rolled steel sheet having an excellent surface quality and a manufacturing method therefor.

IPC 8 full level
C22C 38/60 (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/42** (2006.01); **C22C 38/44** (2006.01); **C22C 38/46** (2006.01)

CPC (source: EP KR US)
C21D 1/02 (2013.01 - EP); **C21D 8/0221** (2013.01 - KR); **C21D 8/0226** (2013.01 - EP US); **C21D 8/0263** (2013.01 - EP); **C21D 9/46** (2013.01 - EP KR US); **C22C 38/001** (2013.01 - US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - US); **C22C 38/18** (2013.01 - EP); **C22C 38/20** (2013.01 - EP US); **C22C 38/22** (2013.01 - EP US); **C22C 38/24** (2013.01 - EP US); **C22C 38/40** (2013.01 - EP US); **C22C 38/42** (2013.01 - KR); **C22C 38/44** (2013.01 - KR); **C22C 38/46** (2013.01 - KR); **C22C 38/60** (2013.01 - EP KR US); **C21D 2211/004** (2013.01 - EP); **C21D 2211/005** (2013.01 - EP KR US); **C21D 2211/009** (2013.01 - EP KR US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3556895 A1 20191023; **EP 3556895 A4 20191225**; CN 110050085 A 20190723; JP 2020509173 A 20200326; KR 101830551 B1 20180220; US 2020071800 A1 20200305; WO 2018110906 A1 20180621

DOCDB simple family (application)
EP 17880634 A 20171208; CN 201780075815 A 20171208; JP 2019531414 A 20171208; KR 20160170370 A 20161214; KR 2017014362 W 20171208; US 201716468114 A 20171208