

Title (en)
ULTRA HIGH STRENGTH STEEL SHEET HAVING HIGH YIELD RATIO AND EXCELLENT BENDABILITY AND METHOD OF MANUFACTURING SAME

Title (de)
ULTRAHOCHFESTES STAHLBLECH MIT HOHEM STRECKGRENZENVERHÄLTNIS UND AUSGEZEICHNETER BIEGBARKEIT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
TÔLE D'ACIER À ULTRA HAUTE RÉSISTANCE AYANT UN RAPPORT DE RENDEMENT ÉLEVÉ ET UNE EXCELLENTE APTITUDE AU PLIAGE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4357476 A1 20240424 (EN)

Application
EP 22825376 A 20220617

Priority
• KR 20210079154 A 20210618
• KR 2022008630 W 20220617

Abstract (en)
The present invention relates to an ultra high strength steel sheet having a high yield ratio, and a method for manufacturing same and, more specifically, to a steel sheet having ultra high strength, a high yield ratio and excellent bendability, and a method for manufacturing same.

IPC 8 full level
C22C 38/04 (2006.01); **B21C 47/02** (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/02** (2006.01); **C22C 38/06** (2006.01); **C22C 38/14** (2006.01); **C22C 38/22** (2006.01); **C22C 38/32** (2006.01)

CPC (source: EP KR US)
B21C 47/02 (2013.01 - EP KR); **C21D 1/18** (2013.01 - EP US); **C21D 1/84** (2013.01 - EP US); **C21D 6/002** (2013.01 - EP US); **C21D 6/005** (2013.01 - EP US); **C21D 6/008** (2013.01 - EP US); **C21D 8/02** (2013.01 - EP); **C21D 8/0205** (2013.01 - EP US); **C21D 8/0226** (2013.01 - EP KR US); **C21D 8/0236** (2013.01 - EP KR US); **C21D 8/0263** (2013.01 - EP US); **C21D 8/0278** (2013.01 - EP US); **C21D 9/46** (2013.01 - EP KR US); **C22C 38/001** (2013.01 - 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 38/12** (2013.01 - EP US); **C22C 38/14** (2013.01 - EP KR US); **C22C 38/22** (2013.01 - EP KR); **C22C 38/26** (2013.01 - EP US); **C22C 38/28** (2013.01 - EP US); **C22C 38/32** (2013.01 - EP KR US); **C22C 38/38** (2013.01 - EP US); **C23G 1/02** (2013.01 - EP KR); **C21D 2211/008** (2013.01 - 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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4357476 A1 20240424; CN 117500951 A 20240202; KR 20220169497 A 20221228; US 2024141454 A1 20240502; WO 2022265453 A1 20221222

DOCDB simple family (application)
EP 22825376 A 20220617; CN 202280043486 A 20220617; KR 20210079154 A 20210618; KR 2022008630 W 20220617; US 202218570064 A 20220617