

Title (en)
COLD ROLLED STEEL SHEET HAVING EXCELLENT WELDABILITY, STRENGTH, AND FORMABILITY, AND METHOD FOR MANUFACTURING SAME

Title (de)
KALTGEWALZTES STAHLBLECH MIT HERVORRAGENDER SCHWEISSBARKEIT, FESTIGKEIT UND FORMBARKEIT SOWIE VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
TÔLE D'ACIER LAMINÉE À FROID AYANT UNE APTITUDE AU SOUDAGE, UNE RÉSISTANCE ET UNE APTITUDE AU FORMAGE EXCELLENTE, ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4394076 A1 20240703 (EN)

Application
EP 22861736 A 20220825

Priority
• KR 20210112968 A 20210826
• KR 2022012744 W 20220825

Abstract (en)
The present invention relates to: a cold rolled steel sheet having excellent weldability, strength, and formability; and a method for manufacturing same.

IPC 8 full level
C22C 38/38 (2006.01); **B21C 47/02** (2006.01); **C21D 8/02** (2006.01); **C22C 38/00** (2006.01); **C22C 38/22** (2006.01); **C22C 38/26** (2006.01); **C22C 38/28** (2006.01); **C22C 38/32** (2006.01)

CPC (source: EP KR)
B21C 47/02 (2013.01 - EP KR); **C21D 6/002** (2013.01 - EP); **C21D 8/02** (2013.01 - EP); **C21D 8/0205** (2013.01 - EP); **C21D 8/0226** (2013.01 - EP KR); **C21D 8/0236** (2013.01 - EP KR); **C21D 8/0263** (2013.01 - EP); **C21D 8/0273** (2013.01 - EP KR); **C21D 9/46** (2013.01 - EP); **C22C 38/001** (2013.01 - KR); **C22C 38/02** (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/06** (2013.01 - EP); **C22C 38/12** (2013.01 - EP); **C22C 38/14** (2013.01 - EP); **C22C 38/22** (2013.01 - EP KR); **C22C 38/26** (2013.01 - EP KR); **C22C 38/28** (2013.01 - EP KR); **C22C 38/32** (2013.01 - EP KR); **C22C 38/38** (2013.01 - EP KR); **C23C 2/06** (2013.01 - EP KR); **C21D 2211/002** (2013.01 - KR)

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 4394076 A1 20240703; CN 117897514 A 20240416; KR 20230033043 A 20230308; WO 2023027528 A1 20230302

DOCDB simple family (application)
EP 22861736 A 20220825; CN 202280058109 A 20220825; KR 20210112968 A 20210826; KR 2022012744 W 20220825