

Title (en)
HIGH STRENGTH STEEL SHEET HAVING EXCELLENT WORKABILITY AND METHOD FOR MANUFACTURING SAME

Title (de)
HOCHFESTES STAHLBLECH MIT HERVORRAGENDER BEARBEITBARKEIT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
TÔLE D'ACIER À HAUTE RÉSISTANCE AYANT UNE EXCELLENTE APTITUDE AU FAÇONNAGE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4265771 A4 20240626 (EN)

Application
EP 21906930 A 20211201

Priority

- KR 20200177516 A 20201217
- KR 2021017992 W 20211201

Abstract (en)
[origin: EP4265771A1] The present invention relates to a steel sheet which can be used for automobile parts and the like, and relates to a steel sheet and a method for manufacturing same, the steel sheet having an excellent balance between strength and ductility, an excellent balance between strength and hole expansion properties, and an excellent yield ratio evaluation score.

IPC 8 full level
C22C 38/04 (2006.01); **C21D 1/20** (2006.01); **C21D 1/25** (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/06** (2006.01)

CPC (source: EP KR US)
C21D 1/20 (2013.01 - EP); **C21D 1/25** (2013.01 - EP); **C21D 8/0205** (2013.01 - EP); **C21D 8/0226** (2013.01 - EP KR US); **C21D 8/0236** (2013.01 - EP KR US); **C21D 8/0273** (2013.01 - EP KR US); **C21D 9/46** (2013.01 - EP KR US); **C22C 38/001** (2013.01 - KR US); **C22C 38/002** (2013.01 - EP US); **C22C 38/005** (2013.01 - EP); **C22C 38/008** (2013.01 - EP); **C22C 38/02** (2013.01 - EP KR US); **C22C 38/04** (2013.01 - EP KR US); **C22C 38/06** (2013.01 - EP KR US); **C23G 1/00** (2013.01 - US); **C21D 9/48** (2013.01 - EP); **C21D 2211/001** (2013.01 - EP US); **C21D 2211/002** (2013.01 - EP US); **C21D 2211/008** (2013.01 - EP US); **C22C 38/08** (2013.01 - EP); **C22C 38/10** (2013.01 - EP); **C22C 38/12** (2013.01 - EP); **C22C 38/14** (2013.01 - EP); **C22C 38/16** (2013.01 - EP); **C22C 38/32** (2013.01 - EP); **C22C 38/38** (2013.01 - EP); **C22C 38/60** (2013.01 - EP)

Citation (search report)

- [Y] EP 3101147 B1 20180815 - JFE STEEL CORP [JP]
- [Y] EP 3611285 A1 20200219 - JFE STEEL CORP [JP]
- See references of WO 2022131625A1

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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EP 21906930 A 20211201; CN 202180085081 A 20211201; JP 2023536473 A 20211201; KR 20200177516 A 20201217; KR 2021017992 W 20211201; US 202118267082 A 20211201