

Title (en)

STEEL SHEET HAVING HIGH STRENGTH AND HIGH TOUGHNESS, AND MANUFACTURING METHOD THEREFOR

Title (de)

STAHLBLECH MIT HOHER FESTIGKEIT UND HOHER ZÄHIGKEIT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

FEUILLE D'ACIER DOTÉE DE HAUTE RÉSISTANCE ET DE HAUTE TÉNACITÉ, ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

EP 4386102 A1 20240619 (EN)

Application

EP 22856263 A 20220811

Priority

- KR 20210105857 A 20210811
- KR 2022012063 W 20220811

Abstract (en)

The present invention relates to a steel sheet having high strength and high toughness, and a manufacturing method therefor, and, more specifically, to a steel sheet, which has high strength and high toughness and can be used for a vehicle seat belt spring and the like, and a manufacturing method therefor.

IPC 8 full level

C22C 38/24 (2006.01); **B21C 47/02** (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/30** (2006.01); **C23G 1/02** (2006.01)

CPC (source: EP KR)

B21C 47/02 (2013.01 - EP); **C21D 6/002** (2013.01 - EP); **C21D 6/005** (2013.01 - EP); **C21D 6/008** (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 9/46** (2013.01 - EP KR); **C22C 38/02** (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/06** (2013.01 - EP KR); **C22C 38/24** (2013.01 - EP KR); **C22C 38/30** (2013.01 - EP KR); **C23G 1/02** (2013.01 - EP); **C21D 2211/003** (2013.01 - KR); **C21D 2211/009** (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 4386102 A1 20240619; CN 117858973 A 20240409; KR 20240051961 A 20240422; WO 2023018270 A1 20230216

DOCDB simple family (application)

EP 22856263 A 20220811; CN 202280056098 A 20220811; KR 2022012063 W 20220811; KR 20247008062 A 20220811