

Title (en)  
HIGH-HARDNESS ARMORED STEEL HAVING EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND MANUFACTURING METHOD THEREFOR

Title (de)  
HARTER GEPANZERTER STAHL MIT HERVORRAGENDER TIEFTEMPÉRATURSCHLAGZÄHIGKEIT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
ACIER BLINDÉ À DURETÉ ÉLEVÉE AYANT UNE EXCELLENTE TÉNACITÉ À L'IMPACT À BASSE TEMPÉRATURE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 4265793 A1 20231025 (EN)**

Application  
**EP 21906848 A 20211104**

Priority  
• KR 20200179071 A 20201218  
• KR 2021015882 W 20211104

Abstract (en)  
The present invention can provide armored steel having high hardness and excellent low-temperature impact toughness to provide excellent ferroelasticity, and a method for manufacturing same.

IPC 8 full level  
**C22C 38/58** (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01); **C22C 38/44** (2006.01); **C22C 38/48** (2006.01); **C22C 38/54** (2006.01)

CPC (source: EP KR)  
**C21D 1/02** (2013.01 - EP); **C21D 1/19** (2013.01 - EP); **C21D 8/0226** (2013.01 - EP KR); **C21D 8/0247** (2013.01 - KR); **C21D 8/0263** (2013.01 - EP); **C21D 9/42** (2013.01 - EP); **C21D 9/46** (2013.01 - KR); **C22C 38/002** (2013.01 - EP); **C22C 38/02** (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/44** (2013.01 - EP KR); **C22C 38/46** (2013.01 - EP); **C22C 38/48** (2013.01 - EP KR); **C22C 38/50** (2013.01 - EP); **C22C 38/54** (2013.01 - EP KR); **C22C 38/58** (2013.01 - EP KR); **C21D 2211/001** (2013.01 - EP KR); **C21D 2211/008** (2013.01 - EP 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 4265793 A1 20231025**; AU 2021400482 A1 20230706; KR 102498158 B1 20230208; KR 20220088234 A 20220627; WO 2022131543 A1 20220623

DOCDB simple family (application)  
**EP 21906848 A 20211104**; AU 2021400482 A 20211104; KR 20200179071 A 20201218; KR 2021015882 W 20211104