

Title (en)
HIGH-HARDNESS BULLET-PROOF STEEL WITH EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS AND METHOD FOR MANUFACTURING SAME

Title (de)
KUGELSICHERER STAHL MIT HOHER HÄRTE UND HERVORRAGENDER TIEFTEMPÉRATURSCHLAGZÄHIGKEIT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
ACIER RÉSISTANT AUX BALLES À DURETÉ ÉLEVÉE PRÉSENTANT UNE EXCELLENTE RÉSISTANCE AUX CHOCS À BASSE TEMPÉRATURE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4265788 A1 20231025 (EN)

Application
EP 21906843 A 20211104

Priority
• KR 20200179070 A 20201218
• KR 2021015871 W 20211104

Abstract (en)
The present invention can provide a bullet-proof steel capable of providing excellent bullet-proof properties by having high hardness characteristics and excellent low-temperature impact toughness, 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 6/004 (2013.01 - EP); **C21D 8/0226** (2013.01 - EP KR); **C21D 8/0247** (2013.01 - KR); **C21D 8/0263** (2013.01 - EP); **C21D 9/46** (2013.01 - EP 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 4265788 A1 20231025; AU 2021400481 A1 20230706; AU 2021400481 A9 20240613; KR 102498141 B1 20230208; KR 20220088233 A 20220627; WO 2022131538 A1 20220623

DOCDB simple family (application)
EP 21906843 A 20211104; AU 2021400481 A 20211104; KR 20200179070 A 20201218; KR 2021015871 W 20211104