

Title (en)

AUSTENITIC WEAR-RESISTANT STEEL SHEET

Title (de)

AUSTENITISCHES ABRIEBFESTES STAHLBLECH

Title (fr)

TÔLE D'ACIER AUSTÉNITIQUE RÉSISTANTE À L'USURE

Publication

EP 3778950 A1 20210217 (EN)

Application

EP 18912208 A 20180329

Priority

JP 2018013289 W 20180329

Abstract (en)

An austenitic wear-resistant steel plate according to an aspect of the present invention has a predetermined chemical composition, the amounts of C and Mn by mass% satisfy $-20 \times C + 30 < Mn \leq -20 \times C + 45$, a volume fraction of austenite in a metallographic structure is 90% to 100%, and an average grain size of the austenite is 40 to 300 μm .

IPC 8 full level

C22C 38/00 (2006.01); **C21D 8/02** (2006.01); **C22C 38/04** (2006.01)

CPC (source: EP KR)

C21D 6/005 (2013.01 - EP); **C21D 8/02** (2013.01 - EP KR); **C22C 38/00** (2013.01 - EP); **C22C 38/001** (2013.01 - KR); **C22C 38/02** (2013.01 - EP); **C22C 38/04** (2013.01 - EP KR); **C22C 38/06** (2013.01 - EP); **C22C 38/34** (2013.01 - KR); **C22C 38/42** (2013.01 - KR); **C22C 38/44** (2013.01 - KR); **C22C 38/46** (2013.01 - KR); **C22C 38/48** (2013.01 - KR); **C22C 38/50** (2013.01 - KR); **C22C 38/52** (2013.01 - KR); **C22C 38/58** (2013.01 - KR); **C21D 6/00** (2013.01 - EP); **C21D 2211/001** (2013.01 - EP)

Cited by

WO2023121243A1; WO2023121242A1; WO2023121277A1; WO2023233186A1

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

DOCDB simple family (publication)

EP 3778950 A1 20210217; **EP 3778950 A4 20211006**; BR 112020014123 A2 20201201; CN 111727267 A 20200929; CN 111727267 B 20220524; KR 102453321 B1 20221011; KR 20200105925 A 20200909; WO 2019186911 A1 20191003

DOCDB simple family (application)

EP 18912208 A 20180329; BR 112020014123 A 20180329; CN 201880089433 A 20180329; JP 2018013289 W 20180329; KR 20207023127 A 20180329