

Title (en)
CAST AUSTENITIC STAINLESS STEEL

Title (de)
GEGOSSENER AUSTENITISCHER EDELSTAHL

Title (fr)
ACIER INOXYDABLE AUSTÉNITIQUE COULÉ

Publication
EP 2692887 A4 20150121 (EN)

Application
EP 12765111 A 20120224

Priority
• JP 2011079965 A 20110331
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Abstract (en)
[origin: EP2692887A1] An austenitic stainless cast steel having a volume fraction of a ferrite phase of 0.1 - 5.0%.

IPC 8 full level
B22D 27/20 (2006.01); **B22D 30/00** (2006.01); **C21D 6/00** (2006.01); **C21D 6/02** (2006.01); **C21D 6/04** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/48** (2006.01); **C22C 38/58** (2006.01)

CPC (source: EP KR US)
B22D 27/20 (2013.01 - KR); **B22D 30/00** (2013.01 - KR); **C21D 6/004** (2013.01 - EP KR US); **C21D 6/02** (2013.01 - EP KR US); **C22C 38/001** (2013.01 - EP KR US); **C22C 38/004** (2013.01 - KR); **C22C 38/02** (2013.01 - EP US); **C22C 38/40** (2013.01 - KR); **C22C 38/48** (2013.01 - EP KR US); **C22C 38/58** (2013.01 - EP KR US); **C21D 2211/001** (2013.01 - EP US); **C21D 2211/005** (2013.01 - EP US)

Citation (search report)
• [XY] JP H0297648 A 19900410 - AICHI STEEL WORKS LTD
• [XY] JP H0297647 A 19900410 - AICHI STEEL WORKS LTD
• [XY] JP S63169362 A 19880713 - AICHI STEEL WORKS LTD
• [XY] JP S6353244 A 19880307 - AICHI STEEL WORKS LTD
• [XA] JP S60121098 A 19850628 - KAWASAKI STEEL CO
• [XA] DE 2634403 A1 19770210 - JAPAN GASOLINE
• [YA] SHIM J H ET AL: "Numerical simulation of long-term precipitate evolution in austenitic heat-resistant steels", CALPHAD. COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY, NEW YORK, NY, US, vol. 34, no. 1, 1 March 2010 (2010-03-01), pages 105 - 112, XP026960915, ISSN: 0364-5916, [retrieved on 20100115]
• See references of WO 2012132679A1

Cited by
US10627168B2

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

DOCDB simple family (publication)
EP 2692887 A1 20140205; EP 2692887 A4 20150121; EP 2692887 B1 20170719; CA 2830586 A1 20121004; CN 103429778 A 20131204; CN 103429778 B 20160106; JP 5863770 B2 20160217; JP WO2012132679 A1 20140724; KR 20140044318 A 20140414; US 2014056751 A1 20140227; WO 2012132679 A1 20121004

DOCDB simple family (application)
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