

Title (en)

STEEL MATERIAL, PROCESS FOR PRODUCING SAME, AND LNG TANK

Title (de)

STAHLMATERIAL, VERFAHREN ZU IHRER HERSTELLUNG UND FLÜSSIGERDGASTANK

Title (fr)

MATÉRIAU EN ACIER, PROCÉDÉ POUR SA PRODUCTION ET CITERNE POUR GNL

Publication

**EP 2871255 A4 20160106 (EN)**

Application

**EP 13887092 A 20130619**

Priority

JP 2013066825 W 20130619

Abstract (en)

[origin: EP2871255A1] A steel is provided in which a lower limit of an amount of retained <sup>3</sup> at a (1/4)t location regarding a plate thickness t of the steel is 4.0 volume%, the retained <sup>3</sup> has a form in which an upper limit of an average of an aspect ratio thereof is 2.5 and an upper limit of an average of a major axis thereof is 0.85 μm, and an average Mn concentration in the retained <sup>3</sup> and an average Ni concentration in the retained <sup>3</sup> satisfy relationships of [Mn] retained <sup>3</sup> > [Mn] ± ×1.4, and [Ni] retained <sup>3</sup> > [Ni] ± ×1.4.

IPC 8 full level

**C22C 38/00** (2006.01); **C21D 8/02** (2006.01); **C22C 38/58** (2006.01)

CPC (source: CN EP KR)

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Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**EP 2871255 A1 20150513**; **EP 2871255 A4 20160106**; **EP 2871255 B1 20170503**; CN 104520461 A 20150415; CN 104520461 B 20160615; JP 5561442 B1 20140730; JP WO2014203347 A1 20170223; KR 101572786 B1 20151127; KR 20150020258 A 20150225; WO 2014203347 A1 20141224

DOCDB simple family (application)

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