

Title (en)

STEEL, PROCESS FOR MANUFACTURING THE SAME, AND LNG TANK

Title (de)

STAHL, VERFAHREN ZU SEINER HERSTELLUNG UND FLÜSSIGGASTANK

Title (fr)

ACIER, PROCÉDÉ POUR SA PRODUCTION ET CUVE POUR GNL

Publication

**EP 2871255 B1 20170503 (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

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CPC (source: CN EP KR)

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**C22C 38/58** (2013.01 - CN); **F17C 1/12** (2013.01 - KR)

Cited by

EP3712290A4; EP3730657A4; EP3418411A4; EP3699310A4; US11208703B2; US11608549B2; US11591679B2

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