

## Title (en)

HOT ROLLED Nb-CONTAINING FERRITIC STAINLESS STEEL SHEET AND METHOD FOR PRODUCING SAME, AND COLD ROLLED Nb-CONTAINING FERRITIC STAINLESS STEEL SHEET AND METHOD FOR PRODUCING SAME

## Title (de)

WARMGEWALZTES NB-HALTIGES FERRITISCHES EDELSTAHLBLECH UND VERFAHREN ZUR HERSTELLUNG DAVON SOWIE KALTGEWALZTES NB-HALTIGES FERRITISCHES EDELSTAHLBLECH UND VERFAHREN ZUR HERSTELLUNG DAVON

## Title (fr)

TÔLE D'ACIER INOXYDABLE FERRITIQUE CONTENANT DU Nb LAMINÉE À CHAUD ET SON PROCÉDÉ DE FABRICATION ET TÔLE D'ACIER INOXYDABLE FERRITIQUE CONTENANT DU Nb LAMINÉE À FROID ET SON PROCÉDÉ DE FABRICATION

## Publication

**EP 3388542 A4 20191106 (EN)**

## Application

**EP 17747396 A 20170131**

## Priority

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## Abstract (en)

[origin: EP3388542A1] The hot-rolled Nb-containing ferritic stainless steel sheet of the present invention has a composition containing C: 0.030 mass% or less, Si: 2.00 mass% or less, Mn: 2.00 mass% or less, P: 0.050 mass% or less, S: 0.040 mass% or less, Cr: 10.00 mass% to 25.00 mass%, N: 0.030 mass% or less and Nb: 0.01 mass% to 0.80 mass%, with the balance being made up of Fe and unavoidable impurities. In this hot-rolled Nb-containing ferritic stainless steel sheet, the precipitation amount of Nb carbonitrides is 0.2 mass% or more, and the number of Laves phases having a grain size of 0.1  $\mu\text{m}$  or less is 10 or fewer per 10  $\mu\text{m}^2$  of surface area.

## IPC 8 full level

**C22C 38/00** (2006.01); **B21B 3/02** (2006.01); **B21B 15/00** (2006.01); **C21D 6/00** (2006.01); **C21D 8/02** (2006.01); **C21D 8/04** (2006.01); **C21D 9/46** (2006.01); **C21D 9/48** (2006.01); **C22C 38/02** (2006.01); **C22C 38/06** (2006.01); **C22C 38/42** (2006.01); **C22C 38/44** (2006.01); **C22C 38/48** (2006.01); **C22C 38/50** (2006.01)

## CPC (source: EP KR RU US)

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## Citation (search report)

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