

Title (en)

METHOD FOR PRODUCTION OF MARTENSITIC STAINLESS STEEL PIPE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ROHRS AUS MARTENSITISCHEM NICHTTROTENDEM STAHL

Title (fr)

PROCEDE DE FABRICATION DE TUYAUX EN ACIER INOXYDABLE MARTENSITIQUE

Publication

EP 2003215 A4 20130522 (EN)

Application

EP 07740291 A 20070329

Priority

- JP 2007056853 W 20070329
- JP 2006094737 A 20060330

Abstract (en)

[origin: EP2003215A2] A method for producing martensitic stainless steel pipe containing by mass: 0.15 to 0.22% of C; 0.10 to 1.00% of Si; 0.10 to 1.00% of Mn; 12.00 to 14.00% of Cr; 0.01 to 0.05% of N; 0.020% or less of P; 0.010% or less of S; and the balance being Fe and impurities. The manufactured martensitic stainless steel pipe is cooled down to a range from 135 to 175°C on the pipe outer surface by air, and the edges of the pipe are then cut. This production method keeps the cracking susceptibility of the pipe at a low level, and cutting the pipe in the specified temperature range prevents forming cracks and burrs on the cutting surface.

IPC 8 full level

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Citation (search report)

- [A] JP H042409 A 19920107 - KAWASAKI STEEL CO
- [E] EP 2264194 A1 20101222 - SUMITOMO METAL IND [JP]
- [A] EP 1099772 A1 20010516 - SUMITOMO METAL IND [JP]
- [E] EP 1813687 A1 20070801 - SUMITOMO METAL IND [JP]
- [A] JP H04107213 A 19920408 - NIPPON STEEL CORP

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DE FR IT

DOCDB simple family (publication)

EP 2003215 A2 20081217; **EP 2003215 A4 20130522**; **EP 2003215 A9 20090506**; **EP 2003215 B1 20140820**; CN 101410535 A 20090415; CN 101410535 B 20101103; JP 2007270191 A 20071018; WO 2007114246 A1 20071011

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