

Title (en)
METHOD FOR PRODUCING METAL TUBE

Title (de)
HERSTELLUNGSVERFAHREN FÜR EIN METALLROHR

Title (fr)
PROCÉDÉ DE FABRICATION D'UN TUBE MÉTALLIQUE

Publication
EP 2397573 A4 20121226 (EN)

Application
EP 10741311 A 20100215

Priority
• JP 2010052165 W 20100215
• JP 2009032975 A 20090216

Abstract (en)
[origin: EP2397573A1] In this method, the inner surface of a metal pipe containing, by mass percent, 20 to 55% of Cr and 20 to 70% of Ni is subjected to mechanical treatment, the metal pipe is subjected to heat treatment such as to be held in a temperature range of 1050 to 1270°C for 0.5 to 60 minutes, and thereby an oxide scale layer consisting mainly of Cr is formed on at least the inner surface of the metal pipe. A metal pipe excellent in carburization resistance and coking resistance in a carburizing gas environment can be obtained by the method.

IPC 8 full level
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CPC (source: EP KR US)
B21C 37/20 (2013.01 - KR); **C10G 75/00** (2013.01 - EP US); **C21D 7/06** (2013.01 - KR); **C21D 8/105** (2013.01 - EP US); **C21D 9/08** (2013.01 - EP KR US); **C21D 9/14** (2013.01 - EP US); **C22C 19/05** (2013.01 - EP US); **C22C 19/052** (2013.01 - EP US); **C22C 19/053** (2013.01 - EP US); **C22C 19/055** (2013.01 - EP US); **C22C 19/058** (2013.01 - EP US); **C22C 38/001** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/40** (2013.01 - EP US); **C22F 1/10** (2013.01 - EP US); **C23C 8/02** (2013.01 - EP US); **C23C 8/10** (2013.01 - EP KR US)

Citation (search report)
• [X] EP 1498508 A1 20050119 - SUMITOMO METAL IND [JP]
• See references of WO 2010093034A1

Cited by
RU2636338C1; EP2799570A4; EP3431622A4; EP3540088A4; US11162151B2

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