

Title (en)  
STAINLESS STEEL TUBES AND METHOD FOR PRODUCTION THEREOF

Title (de)  
EDELSTAHLROHRE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
TUBES EN ACIER INOXYDABLE ET LEUR PROCÉDÉ DE PRODUCTION

Publication  
**EP 3202925 B1 20190109 (EN)**

Application  
**EP 16382042 A 20160202**

Priority  
EP 16382042 A 20160202

Abstract (en)  
[origin: EP3202925A1] A method for producing a tube of a stainless steel alloy tube which comprises the steps of hot working a stainless steel casting into a pretubular shaped workpiece or into a cylindrical bar, trepanning the cylindrical bar or machining an inner diameter of the pretubular shaped workpiece to obtain a tubular workpiece, and cold working the workpiece. The hot working comprises one of: rolling, forging, and a combination thereof. The cold working comprises flow forming or pilgering. The stainless steel tube produced with the method comprises an outer diameter greater than or equal to 152 mm, an average wall thickness greater than or equal to 2.8 mm and less than or equal to 70 mm, and a length greater than 5 m.

IPC 8 full level  
**C21D 9/08** (2006.01); **B21B 1/00** (2006.01); **B21B 17/06** (2006.01); **B21B 19/00** (2006.01); **B21B 21/00** (2006.01); **B21C 37/00** (2006.01); **C21D 7/12** (2006.01)

CPC (source: EP RU US)  
**B21B 1/00** (2013.01 - RU); **B21B 17/06** (2013.01 - RU); **B21B 19/00** (2013.01 - RU); **B21C 37/00** (2013.01 - RU); **B21J 1/04** (2013.01 - EP US); **B21J 5/066** (2013.01 - EP US); **C21D 6/00** (2013.01 - EP US); **C21D 7/02** (2013.01 - EP US); **C21D 7/12** (2013.01 - RU); **C21D 8/105** (2013.01 - EP US); **C21D 9/08** (2013.01 - EP RU US); **C21D 7/12** (2013.01 - EP US); **C21D 2211/001** (2013.01 - EP US); **C21D 2211/005** (2013.01 - EP US); **C21D 2261/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3202925 A1 20170809**; **EP 3202925 B1 20190109**; BR 112018015734 A2 20190108; BR 112018015734 B1 20220830; ES 2719701 T3 20190712; RU 2018130133 A 20200220; RU 2018130133 A3 20200521; RU 2751207 C2 20210712; US 2019040485 A1 20190207; WO 2017134186 A1 20170810

DOCDB simple family (application)  
**EP 16382042 A 20160202**; BR 112018015734 A 20170202; EP 2017052302 W 20170202; ES 16382042 T 20160202; RU 2018130133 A 20170202; US 201716074671 A 20170202