

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 A1 20170809 (EN)

Application
EP 16382042 A 20160202

Priority
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Abstract (en)
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.

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Citation (applicant)
US 8479549 B1 20130709 - FONTE MATTHEW V [US]

Citation (search report)
• [X] WO 2015200325 A1 20151230 - ATI PROPERTIES INC [US]
• [A] WO 2015006089 A1 20150115 - ATI FLOWFORM PRODUCTS LLC [US]
• [A] US 2015183015 A1 20150702 - FONTE MATTHEW V [US]
• [A] EP 2388341 A1 20111123 - SUMITOMO METAL IND [JP]
• [A] EP 1361003 A2 20031112 - SUMITOMO METAL IND [JP]

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