

Title (en)

TUBE HAVING AN EXPANSION AREA AND METHOD FOR PRODUCING SUCH A TUBE

Title (de)

ROHR MIT EINEM AUFWEITBEREICH UND VERFAHREN ZUR HERSTELLUNG EINES ROHRS MIT EINEM AUFWEITBEREICH

Title (fr)

TUBE PRESENTANT UNE ZONE D'ELARGISSEMENT ET PROCEDE DE PRODUCTION D'UN TEL TUBE

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Application

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Abstract (en)

[origin: DE19811599A1] The invention relates to a tube (7 or 21) with an expansion area (25 or 25A, 25B) presenting a roughness (26 or 26A, 26B). In this area, for example a heat exchanger tube (7A) can be fixed by expanding the tube wall (23). The roughness (26 or 26A, 26B) is generated by roughening the tube wall (23) and applying a coat (31) of deformable metal, especially a nickel material, onto the roughened tube wall (23). The tube can be used both as a repair sleeve (21) (sleeve tube) for repairing defective heat exchanger tubes (7A) but also as a heat exchanger tube (7) which can easily be fitted into the tube bottom (9) of a steam generator (1). The invention also relates to a method for producing a tube (7 or 21) having an expansion area (25 or 25A, 25B).

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