

Title (en)

Method and device for reovaling longitudinal seam welded tubes.

Title (de)

Verfahren und Vorrichtung zum Rückovalisieren von längsnahtgeschweissten Rohren.

Title (fr)

Procédé et dispositif pour la réovalisation de tubes soudés longitudinalement.

Publication

EP 0509621 B1 19950104 (DE)

Application

EP 92250085 A 19920413

Priority

DE 4112740 A 19910416

Abstract (en)

[origin: EP0509621A1] The invention relates to a method and a device for reovaling longitudinal seam welded tubes, in particular austenitic and/or ferritic tubes, after rolling in the weld-seam thickening by means of an adjustable roller which deforms the weld seam against an internal mandrel, is moved, mounted in a stand, over a section of the tube corresponding to the length of the internal mandrel, and is moved back to its starting position after completion of the rolling stroke. To provide a method and a device for reovaling longitudinal seam welded tubes after rolling in the weld-seam thickening, which method and device can be used without internal lubrication of the mandrel or tube even in the case of relatively small tube diameters with relatively thick walls, it is proposed that the tube which has been ovalled during the rolling-out of the weld seam is, after completion of each rolling stroke, simultaneously compressed over the entire rolling-stroke length in the direction of the main axes of the oval pipe cross-section. <IMAGE>

IPC 1-7

B21C 37/08; **B21C 37/30**

IPC 8 full level

B21C 37/08 (2006.01); **B21C 37/30** (2006.01)

CPC (source: EP)

B21C 37/0811 (2013.01)

Cited by

CN109277430A; WO2009050559A1

Designated contracting state (EPC)

DE IT NL SE

DOCDB simple family (publication)

EP 0509621 A1 19921021; **EP 0509621 B1 19950104**; DE 4112740 A1 19921022; DE 4112740 C2 19930609; DE 59201114 D1 19950216

DOCDB simple family (application)

EP 92250085 A 19920413; DE 4112740 A 19910416; DE 59201114 T 19920413