

Title (en)  
Device for soft annealing of aluminium tubes

Title (de)  
Vorrichtung zum Weichglühen von Aluminiumtuben

Title (fr)  
Dispositif de recuit de tubes d'aluminium

Publication  
**EP 2716785 A2 20140409 (DE)**

Application  
**EP 13187218 A 20131003**

Priority  
DE 102012109436 A 20121004

Abstract (en)  
The tube annealing furnace (1) comprises furnace housing (2) that is provided with one or more chambers (4) for accommodating the to-be-treated tubes (5). The cross-sectional area of the chamber is slightly larger than the diameter of the to-be-treated tubes so that the to-be-treated tubes are accommodated with a low radial clearance in the chamber. A heating device (12) is provided for heating the to-be-treated tubes. An independent claim is included for method for annealing tube.

Abstract (de)  
Die Erfindung betrifft einen Tuben Glühofen (1) zum Weichglühen von Tubenrohlingen (5), insbesondere aus Aluminium, umfassend einen Ofenkörper (2;2,3) mit einer oder mehreren zylinderförmigen Kammern (4;8) zur Aufnahme von Tubenrohlingen (5), und eine im Ofenkörper (2;2,3) integrierte Heizvorrichtung (12a,12b) zum Aufheizen der Tubenrohlinge (5) durch Wärmeleitung.

IPC 8 full level  
**F27B 17/00** (2006.01); **C21D 1/26** (2006.01); **C21D 9/00** (2006.01); **C21D 9/08** (2006.01); **F27B 5/06** (2006.01)

CPC (source: EP)  
**C21D 9/0068** (2013.01); **C21D 9/08** (2013.01); **F27B 5/06** (2013.01); **F27B 17/0016** (2013.01); **C21D 1/26** (2013.01); **F27B 2017/0091** (2013.01)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2716785 A2 20140409**; **EP 2716785 A3 20180103**; DE 102012109436 A1 20140515; DE 102012109436 B4 20151203

DOCDB simple family (application)  
**EP 13187218 A 20131003**; DE 102012109436 A 20121004