

Title (en)

METHOD AND DEVICE FOR ANNEALING METAL WORK PIECES

Publication

EP 0156147 B1 19870722 (DE)

Application

EP 85101547 A 19850213

Priority

DE 3406792 A 19840224

Abstract (en)

[origin: EP0156147A1] 1. A method for annealing metal parts under a protective gas in a furnace into which the protective gas is intermittently introduced at maximum volume flow, characterised in that the protective gas is introduced at maximum volume flow during the heating-up phase only within a time interval in which the opacity of the furnace atmosphere is greater than that of the furnace atmosphere at ambient temperature.

IPC 1-7

C21D 9/67; **C21D 1/76**; **C21D 11/00**

IPC 8 full level

C21D 1/76 (2006.01); **C21D 9/67** (2006.01); **C21D 11/00** (2006.01)

CPC (source: EP)

C21D 1/76 (2013.01); **C21D 9/67** (2013.01); **C21D 11/00** (2013.01)

Cited by

US5645655A; HRP931483A2; US6358337B1; WO9413843A1; WO2004007779A1; WO9925882A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0156147 A1 19851002; **EP 0156147 B1 19870722**; AT E28480 T1 19870815; AU 3848685 A 19850829; AU 572259 B2 19880505; BR 8500773 A 19851008; DE 3406792 A1 19850829; DE 3560367 D1 19870827; ZA 851358 B 19851030

DOCDB simple family (application)

EP 85101547 A 19850213; AT 85101547 T 19850213; AU 3848685 A 19850206; BR 8500773 A 19850222; DE 3406792 A 19840224; DE 3560367 T 19850213; ZA 851358 A 19850222