

Title (en)  
VACUUM HEAT TREATING FURNACE

Publication  
**EP 0329378 A3 19901003 (EN)**

Application  
**EP 89301381 A 19890214**

Priority  
JP 3204688 A 19880215

Abstract (en)  
[origin: EP0329378A2] In a vacuum heat treating furnace, the vacuum chamber (2) of said vacuum heat treating furnace is made of an aluminium material (aluminium or aluminium alloy whose main ingredient is aluminium), and the inner wall surface (2a) of said vacuum chamber is smoothly finished. A cooling means (9) designed to cool the vacuum chamber is optionally provided.

IPC 1-7  
**F27B 5/04**; **F27D 1/12**; **F27D 1/00**

IPC 8 full level  
**F27D 11/02** (2006.01); **C21D 1/773** (2006.01); **F27B 5/04** (2006.01); **F27B 5/05** (2006.01); **F27B 14/04** (2006.01); **F27D 1/00** (2006.01); **F27D 1/12** (2006.01); **F27D 9/00** (2006.01)

CPC (source: EP)  
**F27B 5/04** (2013.01); **F27D 1/0006** (2013.01); **F27D 1/12** (2013.01); **F27D 2009/0021** (2013.01)

Citation (search report)

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CN105486093A; CN103673591A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0329378 A2 19890823**; **EP 0329378 A3 19901003**; **EP 0329378 B1 19930616**; DE 68907072 D1 19930722; DE 68907072 T2 19930930; JP 2777798 B2 19980723; JP H01208414 A 19890822

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