

Title (en)  
Vapour phase drying apparatus

Title (de)  
Dampfphasentrocknungsgerät

Title (fr)  
Appareil de séchage en phase vapeur

Publication  
**EP 2568243 A1 20130313 (EN)**

Application  
**EP 11180920 A 20110912**

Priority  
EP 11180920 A 20110912

Abstract (en)  
The present invention relates to a vapour phase drying apparatus (1), comprising: a drying chamber (3) configured to receive an article (4) to be dried by means of the apparatus; a vacuum pump (12) arranged for lowering the pressure within the drying chamber; an evaporator (2) arranged for fluid connection with the drying chamber and for evaporating a volatile fluid such that the volatile fluid in vapour form can enter the drying chamber by means of the fluid connection; a pressurised gas source (9); and piping (7,10) connected to the evaporator and to the pressurised gas source, and arranged for transporting the volatile fluid in liquid form to said evaporator by means of a pressure provided by said pressurised gas source. The invention also relates to a method of transporting a volatile fluid to an evaporator of a vapour phase drying apparatus.

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CPC (source: EP)  
**F26B 5/042** (2013.01); **F26B 21/145** (2013.01)

Citation (applicant)  
US 4292744 A 19811006 - NABHOLZ HANS U

Citation (search report)  
• [XII] US 4977688 A 19901218 - ROBERSON JR GLENN A [US], et al  
• [XII] US 5608974 A 19970311 - TANAKA HIROSHI [JP], et al  
• [A] DE 2226440 A1 19731206 - LEYBOLD HERAEUS GMBH & CO KG

Cited by  
CN108671709A

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