

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
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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
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• [A] DE 2226440 A1 19731206 - LEYBOLD HERAEUS GMBH & CO KG

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CN108671709A

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