

Title (en)  
FREEZE-DRYING DEVICE

Title (de)  
GEFRIERTROCKENVORRICHTUNG

Title (fr)  
DISPOSITIF DE LYOPHILISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO03091645A1] The invention relates to drying equipment for removing solvent from humid material and to a method for operating the drying equipment. The equipment comprises at least one drying chamber (23) comprising at least one support plate (2) for receiving containers (3) filled with humid material or planar layers of humid material. The drying chamber (23) is connected to the capacitor (22) by a vapour channel (15) in which the sublimated solvent can be separated; the support plates (2) are connected to a temperature regulated heating/cooling circuit; the chamber (23) comprises heating/cooling plates (4) or (4') which are connected to a second heat transfer medium circuit. The invention is characterised in that the heating/cooling plates (4) or (4') are configured in such a manner that they can be substantially thermally decoupled from the chamber wall (6).

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