

Title (en)
DEVICE AND METHOD FOR VACUUM-DRYING

Title (de)
VORRICHTUNG UND VERFAHREN ZUM VAKUUMTROCKNEN

Title (fr)
PROCEDE ET DISPOSITIF DE SECHAGE A VIDE

Publication
EP 1080333 A1 20010307 (DE)

Application
EP 00910804 A 20000310

Priority
• DE 19910723 A 19990311
• EP 0002111 W 20000310

Abstract (en)
[origin: WO0053983A1] The invention relates to a device and a method for vacuum drying, according to which, in a first step, the object to be dried is heated and pre-dried in a vacuum chamber (1), which can be closed such that it is air-tight, by means of convection heat assisted by circulating air. In a second step a vacuum is generated in the chamber and in a third step a gaseous substance is fed through said chamber. The invention notably relates to such a method for vacuum drying according to which drying can be carried out by automatic control involving the selection of suitable control quantities.

IPC 1-7
F26B 5/04; **F26B 21/14**

IPC 8 full level
F26B 5/04 (2006.01); **F26B 11/04** (2006.01); **F26B 21/14** (2006.01)

CPC (source: EP)
F26B 5/04 (2013.01); **F26B 11/049** (2013.01); **F26B 21/14** (2013.01)

Citation (search report)
See references of WO 0053983A1

Cited by
CN111076514A; US9970708B2; US10088230B2; US10240867B2; US10928135B2; US9746241B2; US9816757B1; US10690413B2;
US10876792B2; US11713924B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0053983 A1 20000914; AT E440253 T1 20090915; DE 19910723 A1 20000921; DE 50015717 D1 20091001; EP 1080333 A1 20010307;
EP 1080333 B1 20090819

DOCDB simple family (application)
EP 0002111 W 20000310; AT 00910804 T 20000310; DE 19910723 A 19990311; DE 50015717 T 20000310; EP 00910804 A 20000310