

Title (en)

A DRYING APPARATUS FOR DRYING A PIPELINE AND A METHOD OF USING THE APPARATUS

Title (de)

TROCKNUNGSVORRICHTUNG ZUM TROCKNEN EINER PIPELINE UND VERFAHREN ZUR VERWENDUNG DER VORRICHTUNG

Title (fr)

APPAREIL DE SECHAGE SERVANT A SECHER UN PIPELINE ET PROCEDE D'UTILISATION ASSOCIE

Publication

**EP 2100084 B1 20141210 (EN)**

Application

**EP 07826457 A 20070919**

Priority

- IB 2007053800 W 20070919
- DK BA200600246 U 20060919

Abstract (en)

[origin: WO2008035298A2] A drying apparatus (1) for drying a hollow object. The apparatus (1) comprises a first means (3) for transporting an intake airflow (A) through the apparatus (1) for drying of the hollow object, a refrigerating unit (4) for initial removal of fluid from the intake airflow (A), thereby defining a first process airflow (B), and a dehumidifier (6) for further removal of fluid from the first process airflow (B) to produce a second process airflow (C) having a reduced fluid content, where the drying apparatus (1) further comprises a first frequency transformer (12) for regulating the amount of intake airflow (A), and a second frequency transformer (13) for regulating the performance of the refrigerating unit (4). The apparatus (1) is very efficient for drying hollow objects with different dimensions and with different drying needs.

IPC 8 full level

**F26B 21/00** (2006.01)

CPC (source: EP)

**F26B 21/002** (2013.01); **F26B 21/006** (2013.01); **F26B 21/08** (2013.01); **F26B 21/12** (2013.01); **F24F 2203/1032** (2013.01); **F24F 2203/1068** (2013.01); **F24F 2203/1088** (2013.01); **F25B 2600/021** (2013.01); **F25B 2600/11** (2013.01)

Citation (examination)

US 3864102 A 19750204 - POWERS MARVIN D

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008035298 A2 20080327**; **WO 2008035298 A3 20090129**; **WO 2008035298 A9 20090319**; DK 200600246 U3 20061027; DK 200600246 Y6 20071012; DK 2100084 T3 20150309; EP 2100084 A2 20090916; EP 2100084 B1 20141210

DOCDB simple family (application)

**IB 2007053800 W 20070919**; DK 07826457 T 20070919; DK BA200600246 U 20060919; EP 07826457 A 20070919