

Title (en)

Cooling system for a heat pump drier and heat pump drier using such cooling system

Title (de)

Kühlsystem für Wärmepumpentrockner und Wärmepumpentrockner mit solch einem Kühlsystem

Title (fr)

Système de refroidissement pour un sécheur à pompe à chaleur et sécheur à pompe à chaleur utilisant ce système de refroidissement

Publication

EP 2703551 A1 20140305 (EN)

Application

EP 12182905 A 20120904

Priority

EP 12182905 A 20120904

Abstract (en)

A cooling system for a heat pump drier comprises a refrigeration circuit including a compressor, a condenser and an evaporator. The refrigeration circuit comprises a three-way valve upstream the condenser and adapted to by-pass partially the condenser at a predetermined distance from the inlet point.

IPC 8 full level

D06F 58/20 (2006.01)

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US); **D06F 2103/50** (2020.02 - EP US); **D06F 2105/26** (2020.02 - EP US)

Citation (search report)

- [A] WO 2009016173 A1 20090205 - ARCELIK AS [TR], et al
- [A] US 2007107255 A1 20070517 - TAMURA TOMOICHIRO [JP], et al
- [A] JP H06257865 A 19940916 - HITACHI LTD

Cited by

CN108425222A; EP3023534A1; DE102014223569A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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