

Title (en)
Device for humidification for a heat exchanger

Title (de)
Befeuchtungsvorrichtung für Rückkühler

Title (fr)
Dispositif d'humidification pour échangeur de chaleur

Publication
EP 1762805 B1 20111026 (DE)

Application
EP 06405381 A 20060904

Priority
CH 14702005 A 20050909

Abstract (en)
[origin: EP1762805A1] The device has a pipe system (3) of a heat exchanger (1), where a fluid medium flows and circulates through the pipe system. A gaseous medium flows or passes through lamellae (5) and/or cooling fins. A humidifier (7) is provided for humidifying the lamellae or cooling fins with fluid. The humidifier has a pressure chamber (9) with elastically deformable outlets (21) that are formed in an elastic diaphragm. The dimension and form of the outlets are varied depending on the fluid pressure in the pressure chamber. An independent claim is also included for a method of cooling a fluid medium.

IPC 8 full level
F28D 5/00 (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)
F24F 6/02 (2013.01); **F28D 5/02** (2013.01); **F28F 1/32** (2013.01); **F24F 6/00** (2013.01)

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Designated contracting state (EPC)
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DOCDB simple family (publication)
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