

Title (en)
HUMIDIFICATION EXCHANGER WITH A CLEANING SYSTEM

Title (de)
FEUCHTETAUSCHER MIT EINER REINIGUNGSVORRICHTUNG

Title (fr)
ÉCHANGEUR D'HUMIDITÉ COMPRENANT UN DISPOSITIF DE NETTOYAGE

Publication
EP 2041498 A1 20090401 (DE)

Application
EP 07786970 A 20070701

Priority

- EP 2007056615 W 20070701
- CH 10682006 A 20060703

Abstract (en)
[origin: WO2008003663A1] A humidification exchanger for exchanging humidity between a first airstream and a second airstream contains a first cavity (1) and a second cavity (2) which are separated by a structure which is permeable to water vapor, wherein the first airstream can flow through the first cavity (1), and the second airstream can flow through the second cavity (2). The humidification exchanger also contains a cleaning device with a cleaning module (5) which provides a liquid, vapor, or gaseous cleaning fluid, in order to clean the first cavity (1) and/or the second cavity (2) with the cleaning fluid. The cleaning can be supported by shock waves, sound waves, and/or ultrasound waves.

IPC 8 full level
B01D 65/02 (2006.01); **F24F 3/147** (2006.01)

CPC (source: EP US)
B01D 53/268 (2013.01 - EP US); **B01D 65/02** (2013.01 - EP US); **B01D 65/027** (2013.01 - EP US); **F24F 3/147** (2013.01 - EP US); **B01D 2321/08** (2013.01 - EP US); **F24F 2003/1435** (2013.01 - EP US); **F24F 2221/225** (2013.01 - EP US)

Citation (search report)
See references of WO 2008003663A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008003663 A1 20080110; CH 700200 B1 20100715; EP 2041498 A1 20090401; TW 200819686 A 20080501; US 2010018393 A1 20100128

DOCDB simple family (application)
EP 2007056615 W 20070701; CH 10682006 A 20060703; EP 07786970 A 20070701; TW 96123931 A 20070702; US 30758007 A 20070701