

Title (en)

HEAT EXCHANGE DEVICE AND HEAT EXCHANGER VENTILATOR LOADED WITH THE SAME

Title (de)

WÄRMEAUSTAUSCHVORRICHTUNG UND DAMIT BELADENER WÄRMETAUSCHERVENTILATOR

Title (fr)

DISPOSITIF D'ECHANGE DE CHALEUR ET VENTILATEUR ECHANGEUR DE CHALEUR CHARGE AVEC CELUI-CI

Publication

EP 1818642 A1 20070815 (EN)

Application

EP 05767390 A 20050727

Priority

JP 2005013756 W 20050727

Abstract (en)

A heat exchange element in which heat is exchanged between two flows respectively passing through spaces 4 and 5 for air supply and exhaust, partitioned with a plurality of members 2 and 3. The members 2 and 3 are bonded with a bonding agent which contains a volatile organic compound or a carbonyl compound but from which the total emission of such a chemical substance is 100 µg/hr or less per gram.

IPC 8 full level

F28F 3/08 (2006.01)

CPC (source: EP US)

F24F 3/147 (2013.01 - EP US); **F28D 9/0062** (2013.01 - EP US); **F28F 2275/025** (2013.01 - EP US)

Cited by

EP2071267A4; US8607851B2; US8689859B2

Designated contracting state (EPC)

DE FR GB IT SE

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1818642 A1 20070815; **EP 1818642 A4 20081231**; **EP 1818642 B1 20100303**; CA 2580575 A1 20070201; CN 100472168 C 20090325; CN 101044368 A 20070926; DE 602005019776 D1 20100415; JP WO2007013153 A1 20090205; US 2008105418 A1 20080508; WO 2007013153 A1 20070201

DOCDB simple family (application)

EP 05767390 A 20050727; CA 2580575 A 20050727; CN 200580035712 A 20050727; DE 602005019776 T 20050727; JP 2005013756 W 20050727; JP 2006534501 A 20050727; US 66252505 A 20050727