

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMEÜBERTRÄGER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
**EP 2583034 A1 20130424 (DE)**

Application  
**EP 11802857 A 20111214**

Priority  
• DE 102011011181 A 20110214  
• EP 2011006291 W 20111214

Abstract (en)  
[origin: WO2012110071A1] The invention relates to an air-air heat exchanger as a regenerator, having at least one positionally fixed or movable storage mass through which alternately outside air and exhaust air flows in order to heat or cool the supply air of air-conditioned buildings and thereby save energy during the heating or cooling of interior spaces, wherein the storage mass has plastic, in particular propylene or is composed of plastic, in particular propylene.

IPC 8 full level  
**F24F 12/00** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)  
**F24F 12/006** (2013.01 - EP US); **F28D 17/02** (2013.01 - EP US); **F28D 19/04** (2013.01 - EP US); **F28F 3/02** (2013.01 - US);  
**F28F 21/06** (2013.01 - EP US); **F24F 2012/008** (2013.01 - EP US); **Y02B 30/56** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012110071A1

Citation (examination)  
US 5771707 A 19980630 - LAGACE FREDERIC [CA], et al

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

DOCDB simple family (publication)  
**DE 102011011181 A1 20120816**; EP 2583034 A1 20130424; RU 2013114288 A 20141010; US 2013206354 A1 20130815;  
WO 2012110071 A1 20120823

DOCDB simple family (application)  
**DE 102011011181 A 20110214**; EP 11802857 A 20111214; EP 2011006291 W 20111214; RU 2013114288 A 20111214;  
US 201113811395 A 20111214