

Title (en)

REGENERATOR AND METHOD FOR PRODUCING A REGENERATOR

Title (de)

REGENERATOR SOWIE VERFAHREN ZUR HERSTELLUNG EINES REGENERATORS

Title (fr)

REGENERATEUR ET PROCEDE DE PRODUCTION D'UN REGENERATEUR

Publication

**EP 1049864 A1 20001108 (DE)**

Application

**EP 99952436 A 19990818**

Priority

- DE 9902589 W 19990818
- DE 19838884 A 19980827

Abstract (en)

[origin: WO0012887A1] The invention relates to a regenerator (62, 64) for a heating and refrigerating machine which functions according to a regenerative gas circuit process. The inventive regenerator comprises a housing (74, 74') and a storage matrix (72) located therein. According to the invention, filling materials (74, 74') are introduced to avoid having free space in the edge area of the storage matrix (72). This also advantageously prevents leakage flows of the working fluid which flows through the storage matrix (72).

IPC 1-7

**F02G 1/057; F02G 1/044; F28D 17/02**

IPC 8 full level

**F02G 1/044** (2006.01); **F02G 1/057** (2006.01); **F28D 17/02** (2006.01)

CPC (source: EP)

**F02G 1/0445** (2013.01); **F02G 1/057** (2013.01); **F28D 17/02** (2013.01); **F02G 2257/00** (2013.01); **F05C 2225/08** (2013.01);  
**F25B 2309/003** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0012887 A1 20000309**; AT E269488 T1 20040715; DE 19838884 A1 20000302; DE 59909746 D1 20040722; EP 1049864 A1 20001108;  
EP 1049864 B1 20040616

DOCDB simple family (application)

**DE 9902589 W 19990818**; AT 99952436 T 19990818; DE 19838884 A 19980827; DE 59909746 T 19990818; EP 99952436 A 19990818