

Title (en)
Regenerative heat-exchanger

Title (de)
Regenerativ-Wärmetauscher

Title (fr)
Echangeur de chaleur à régénération

Publication
EP 0588185 B1 19980107 (DE)

Application
EP 93114189 A 19930904

Priority
DE 4230133 A 19920909

Abstract (en)
[origin: EP0588185A1] In a regenerative heat exchanger with a rotating rotor having radially and axially sealed-off storage masses, a high degree of tightness is achieved and leakages are largely avoided if the housing (12) surrounding the rotor (3) axially and the separating zones (14) arranged radially between the heat-exchanging media are designed as blocking chambers (circumferential or radial chambers 13, 13a, 13b or 15). Such a regenerative heat exchanger allows an operating mode such that sucking off, blocking, blowing out or sucking in can take place at respective tight points in a controlled and appropriate manner in accordance with the pressure conditions prevailing locally in the heat exchanger. <IMAGE>

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F28D 19/04

IPC 8 full level
F23L 15/02 (2006.01); **F28D 19/04** (2006.01)

CPC (source: EP)
F28D 19/047 (2013.01)

Cited by
DE102016011918B4; DE102016011918A1; EP2177855A1; WO2006120371A1; WO2004111563A1; EP2199724A1

Designated contracting state (EPC)
AT CH DE DK ES FR GB IT LI NL SE

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