

Title (en)  
TURBINE RECUPERATOR

Title (de)  
REKUPERATOR FÜR GASTURBINE

Title (fr)  
RECUPERATEUR DE TURBINE

Publication  
**EP 1348098 A2 20031001 (EN)**

Application  
**EP 01985025 A 20011212**

Priority  
• US 0148132 W 20011212  
• US 74926700 A 20001227

Abstract (en)  
[origin: US2002079085A1] A turbine recuperator includes a housing and a support member positioned within the housing. A passage extends between the housing and the support member. A plurality of heat transfer cells are secured to the support member. Each cell includes a corrugated sheet folded over onto itself, with the sides that are folded over being secured to the support member. The ends of the sheets are sealed to define a chamber. An inlet header is in fluid communication with each chamber through a plurality of inlets formed in the support header. An outlet header is in fluid communication with each chamber through a plurality of outlets formed in the support header.

IPC 1-7  
**F28D 9/00**; **F02C 7/08**

IPC 8 full level  
**F02C 7/08** (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP KR US)  
**F28D 9/00** (2013.01 - KR); **F28D 9/0018** (2013.01 - EP US)

Citation (search report)  
See references of WO 02052211A2

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**US 2002079085 A1 20020627**; EP 1348098 A2 20031001; JP 2004516423 A 20040603; KR 20020077921 A 20021014; WO 02052211 A2 20020704; WO 02052211 A3 20030103

DOCDB simple family (application)  
**US 74926700 A 20001227**; EP 01985025 A 20011212; JP 2002553064 A 20011212; KR 20027011148 A 20020826; US 0148132 W 20011212