

Title (en)  
ELECTRIC GENERATOR FOR INFRA-RED RADIATION

Publication  
**EP 0147340 B1 19870729 (FR)**

Application  
**EP 84420206 A 19841211**

Priority  
FR 8320081 A 19831212

Abstract (en)  
[origin: US4626659A] A housing 2 contains at least one emitter 3, 4 of infra-red rays at short wave lengths disposed inside a reflector 5-6. A mat 8 of refractory fibers impregnated with catalyst is disposed in front of each emitter 3, 4, which screen emits longer wave lengths of infra-red rays when heated by the emitters. An emission of infra-red rays over a broad spectrum is therefore obtained. In addition, combustible gases contained in the heated space may be oxidized in contact with the screen 8 if the latter is impregnated with catalyst.

IPC 1-7  
**F24C 7/06; F24C 15/24**

IPC 8 full level  
**H05B 3/10** (2006.01); **F24C 7/06** (2006.01); **F24C 15/24** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP US)  
**F24C 7/065** (2013.01 - EP US); **F24C 15/24** (2013.01 - EP US); **H05B 3/009** (2013.01 - EP US)

Cited by  
FR2777496A1; EP0399178A1; DE3917000C2; FR2727748A1; DE3804704A1; US6355203B1; WO2011071458A1; WO9618280A1; WO9954117A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0147340 A1 19850703; EP 0147340 B1 19870729**; AT E28698 T1 19870815; CA 1255075 A 19890606; DE 3465140 D1 19870903; FR 2556547 A1 19850614; FR 2556547 B1 19860905; JP H0369150 B2 19911031; JP S60198079 A 19851007; US 4626659 A 19861202

DOCDB simple family (application)  
**EP 84420206 A 19841211**; AT 84420206 T 19841211; CA 469705 A 19841210; DE 3465140 T 19841211; FR 8320081 A 19831212; JP 26099384 A 19841212; US 67933484 A 19841207