

Title (en)

A METHOD AND A DEVICE FOR RECOVERY OF ENERGY FROM MEDIA CONTAINING COMBUSTIBLE SUBSTANCES EVEN AT LOW CONCENTRATION

Title (de)

VERFAHREN UND VORRICHTUNG ZÜR WÄRMERÜCKGEWINNUNG AUS BRENNBARE BESTANDTEILE ENTHALTENDEN MEDIEN AUCH BEI NIEDRIGEN KONZENTRATIONEN

Title (fr)

PROCEDE ET DISPOSITIF DE RECUPERATION D'ENERGIE D'UN MILIEU RENFERMANT DES SUBSTANCES COMBUSTIBLES MEME A DE FAIBLES CONCENTRATIONS

Publication

**EP 0865592 A1 19980923 (EN)**

Application

**EP 95943562 A 19951208**

Priority

- CA 2238096 A 19951208
- CN 95197998 A 19951208
- PL 32869795 A 19951208
- SE 9501476 W 19951208

Abstract (en)

[origin: WO9721959A1] The invention relates to a method and device for recovery of energy from a medium containing combustible substances even at low concentrations. The method is characterized by raising the temperature of the medium in a regenerative combustor (8), i.e. a reversal flow direction combustion device wherein the combustion takes place in a warm zone, to the combustion temperature at which essentially all chemical energy of the combustible substances is transformed into thermal energy. The heated medium is then utilized for the production of a wanted form of energy.

IPC 1-7

**F23G 7/06**

IPC 8 full level

**F23G 5/46** (2006.01); **F23G 7/06** (2006.01)

CPC (source: EP)

**F23G 5/46** (2013.01); **F23G 7/068** (2013.01)

Citation (search report)

See references of WO 9721959A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9721959 A1 19970619**; CA 2238096 A1 19970619; CA 2238096 C 20080212; CN 1145757 C 20040414; CN 1205071 A 19990113; EP 0865592 A1 19980923; EP 0865592 B1 20020828; IL 119728 A0 19970318; IL 119728 A 20001031; PL 181258 B1 20010629; PL 328697 A1 19990215

DOCDB simple family (application)

**SE 9501476 W 19951208**; CA 2238096 A 19951208; CN 95197998 A 19951208; EP 95943562 A 19951208; IL 11972896 A 19961201; PL 32869795 A 19951208