

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

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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.

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