

Title (en)
METHOD FOR THERMALLY REGENERATING THE HEAT EXCHANGER MATERIAL OF A REGENERATIVE POST-COMBUSTION DEVICE

Title (de)
VERFAHREN ZUR THERMISCHEN REGENERATION DES WÄRMETAUSCHERMATERIALS EINER REGENERATIVEN
NACHVERBRENNUNGSVORRICHTUNG

Title (fr)
PROCEDE DE REGENERATION THERMIQUE DE LA MATIERE ECHANGEUSE DE CHALEUR D'UN DISPOSITIF DE POST-COMBUSTION A
REGENERATION

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Application
EP 00942004 A 20000531

Priority
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Abstract (en)
[origin: US6622780B1] In order to regenerate the heat exchanger material located in the various segments of a housing section (2) of a regenerative post-combustion device (1), air is heated in the combustion chamber (8) of this post-combustion device (1) by a burner (9), is directly removed from the combustion chamber (8), is adjusted to the desired regeneration air temperature using fresh air, and is returned to the inlet (4) of the thermal post-combustion device (1). The outlet (10) of the thermal post-combustion device (1) remains closed during this operation. The rotary distributor (5) of the thermal post-combustion device (1) rotates during this process which is continued until all segments of the heat exchanger material are heated to a temperature at which the contaminants absorbed by the heat exchanger materials are released and combusted in the combustion chamber (8).

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See references of WO 0077453A1

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