

Title (en)  
DEVICE FOR THERMAL WASTE GAS TREATMENT, IN PARTICULAR OXIDIZABLE LOW-TEMPERATURE CARBONIZATION GASES

Title (de)  
VORRICHTUNG ZUR THERMISCHEN ABGASBEHANDLUNG, INSBESONDERE VON OXIDIERBAREN SCHWELGASEN

Title (fr)  
DISPOSITIF DE TRAITEMENT THERMIQUE D'EFFLUENTS GAZEUX, NOTAMMENT DE GAZ DE DISTILLATION A BASSE TEMPERATURE OXYDABLES

Publication  
**EP 0815395 A1 19980107 (DE)**

Application  
**EP 96904743 A 19960306**

Priority  

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- DE 19510993 A 19950324

Abstract (en)  
[origin: WO9630702A1] The invention concerns a device for the thermal waste gas treatment, in particular of oxidizable low-temperature carbonization gases, the device comprising a first reactor (4) with a heat-accumulator body (A), a heating zone (6) and a second reactor (5) with a heat accumulator (B). Waste gas is alternately fed to and removed from the reactors arranged in series. The reactors (4, 5) are disposed in an elongate horizontal situation with heating zones arranged therebetween. The ends (11, 12) of the reactors are provided with inlets and outlets (13, 14, 15, 16) with controllable flaps (20, 21, 22, 23) for the waste gas.

IPC 1-7  
**F23G 7/06**; **F28D 17/02**

IPC 8 full level  
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**F23G 7/068** (2013.01); **F28D 17/02** (2013.01)

Citation (search report)  
See references of WO 9630702A1

Cited by  
WO2010086314A1; TWI686579B

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