

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

- DE 9600395 W 19960306
- 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
F23G 7/06 (2006.01); **F28D 17/02** (2006.01)

CPC (source: EP)
F23G 7/068 (2013.01); **F28D 17/02** (2013.01)

Citation (search report)
See references of WO 9630702A1

Cited by
WO2010086314A1; TWI686579B

Designated contracting state (EPC)
AT DE GB IT LU

DOCDB simple family (publication)
WO 9630702 A1 19961003; AT E183302 T1 19990815; DE 19510993 C1 19960829; DE 59602717 D1 19990916; EP 0815395 A1 19980107; EP 0815395 B1 19990811

DOCDB simple family (application)
DE 9600395 W 19960306; AT 96904743 T 19960306; DE 19510993 A 19950324; DE 59602717 T 19960306; EP 96904743 A 19960306