

Title (en)
PRESSURE GAS PREHEATER

Publication
EP 0275859 B1 19910605 (FR)

Application
EP 87870201 A 19871222

Priority
BE 6048285 A 19861223

Abstract (en)
[origin: EP0275859A1] Device for heating gas to a high temperature, supplying the hot gas under pressure continuously by an alternate regeneration system, in a vertical single enclosure (1) packed entirely with thermal masses (3). It is provided with means (5,5',9,9',12,12') for pressurising, on the one hand, the gas to be heated and, on the other hand, the combustion air, as well as means for controlling, on the one hand, the flow rate of gas to be heated, the flow of combustion air and, on the other hand, the flow rate of extracted burnt gases. It may additionally comprise a system for purging the reactor of the residual gases at the time of the reversal and, optionally, a turbine for decompressing (14) the burnt gases. <IMAGE>

IPC 1-7
C21B 9/10; **F27B 3/26**; **F28D 17/00**

IPC 8 full level
C21B 9/10 (2006.01); **F27B 3/26** (2006.01); **F27D 99/00** (2010.01); **F28D 17/00** (2006.01)

CPC (source: EP)
C21B 9/10 (2013.01); **F27B 3/26** (2013.01); **F27D 99/0033** (2013.01); **F28D 17/00** (2013.01)

Cited by
EP0611270A1; EP0770833A4; EP0750170A4

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0275859 A1 19880727; **EP 0275859 B1 19910605**; AT E64156 T1 19910615; BE 906041 A 19870623; ES 2023677 B3 19920201; GR 3002653 T3 19930125

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