

Title (en)  
SYSTEM AND METHOD FOR REHEAT STEAM TEMPERATURE CONTROL IN CIRCULATING FLUIDIZED BED BOILERS

Publication  
**EP 0455660 B1 19930811 (EN)**

Application  
**EP 90901818 A 19900123**

Priority  
US 30162189 A 19890124

Abstract (en)  
[origin: WO9008917A1] A steam generator having a fluidized bed combustion system that includes a fluidized bed combustor and at least one hot separator, includes a superheater and a reheater. A first stage of reheater and a second stage or final stage of reheater are sequentially disposed in a common gas flue. Cold steam from a turbine is divided into selective first and second portions, the first portion being directed through the first stage of reheater and thereafter recombined with the second portion of cold steam. The recombined first and second portions of steam are directed through the second stage of reheater.

IPC 1-7  
**F22B 31/00; F22D 5/00**

IPC 8 full level  
**F22G 1/04** (2006.01); **F01K 7/22** (2006.01); **F01K 7/24** (2006.01); **F22B 1/02** (2006.01); **F22B 31/00** (2006.01); **F22D 5/00** (2006.01); **F22G 5/12** (2006.01)

CPC (source: EP KR)  
**F01K 7/22** (2013.01 - EP); **F25D 5/00** (2013.01 - KR)

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AT CH DE ES FR GB IT LI NL SE

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**WO 9008917 A1 19900809**; AU 4941990 A 19900824; AU 639437 B2 19930729; CA 2045571 A1 19900725; CA 2045571 C 19950912; CN 1020951 C 19930526; CN 1045168 A 19900905; CS 33090 A3 19920318; CZ 284932 B6 19990414; DD 291803 A5 19910711; DE 69002758 D1 19930916; DE 69002758 T2 19931216; EP 0455660 A1 19911113; EP 0455660 B1 19930811; ES 2045903 T3 19940116; JP 2532750 B2 19960911; JP H04503095 A 19920604; KR 0147059 B1 19980817; KR 910700434 A 19910315; LT 3379 B 19950825; LT IP842 A 19950227; LV 11061 A 19960220; LV 11061 B 19960620; PL 166038 B1 19950331; UA 24009 C2 19980831

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