

Title (en)  
Pulverized coal combustion boiler

Title (de)  
Boiler zur Verbrennung pulverisierter Kohle

Title (fr)  
Chaudière de combustion de charbon pulvérisé

Publication  
**EP 1939524 A2 20080702 (EN)**

Application  
**EP 07024648 A 20071219**

Priority  
• JP 2006342414 A 20061220  
• JP 2006351536 A 20061227

Abstract (en)  
A pulverized coal combustion boiler (100) comprising: a furnace (50); a plurality of burners (6) for supplying and burning pulverized coal fuel in the furnace arranged at positions of a plurality of stages having different heights on a furnace front wall (51) and a furnace rear wall (52) of furnace wall surfaces forming the furnace (50), the furnace rear wall (52) arranged for facing the furnace front wall (51); a plurality of mills (2) arranged for supplying the pulverized coal fuel to the plurality of burners (6) arranged at each of the plurality of stages; and pulverized fuel pipes (5) arranged for distributing and supplying the pulverized coal to the plurality of burners (6) at each of the stages of the furnace front wall (51) and the furnace rear wall (52) from each of the plurality of mills (2).

IPC 8 full level  
**F23C 6/04** (2006.01); **F23D 1/00** (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP US)  
**F23C 6/047** (2013.01 - EP US); **F23D 1/00** (2013.01 - EP US); **F23M 5/08** (2013.01 - EP US)

Citation (applicant)  
• JP 2001221406 A 20010817 - HITACHI LTD, et al  
• JP 3091220 B2 20000925

Cited by  
CN103968540A; CN102588956A; EP2263494A2

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Designated extension state (EPC)  
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**EP 07024648 A 20071219**; US 95876307 A 20071218