

Title (en)

Heating device with a burner provided with a dual fluid spray nozzle

Title (de)

Heizgerät mit einem eine Zweistoffdüse aufweisenden Brenner

Title (fr)

Dispositif de chauffage avec brûleur pourvu d' une buse double de vaporisation

Publication

EP 0918193 A3 20000119 (DE)

Application

EP 98122213 A 19981123

Priority

DE 19752293 A 19971126

Abstract (en)

[origin: DE19752293C1] The heater has a twin fuel nozzle (2) for fuel and air and a combustion chamber (1) and a multiple stage pump (3,4) to compress the air. The combustion chamber has a directly injected secondary air flow with a second pumping stage to compress the flow to a second pressure.

IPC 1-7

F23L 5/02; **F23C 7/00**; **B60H 1/22**

IPC 8 full level

B60H 1/22 (2006.01); **F23C 7/00** (2006.01); **F23D 11/24** (2006.01); **F23L 1/00** (2006.01); **F23L 5/02** (2006.01)

CPC (source: EP US)

F23C 7/008 (2013.01 - EP US); **F23L 5/02** (2013.01 - EP US)

Citation (search report)

- [X] DE 19537636 A1 19970417 - ASEA BROWN BOVERI [CH]
- [XA] EP 0014075 A1 19800806 - GARRETT CORP [US]
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Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 19752293 C1 19990429; DE 59808432 D1 20030626; EP 0918193 A2 19990526; EP 0918193 A3 20000119; EP 0918193 B1 20030521; JP H11287407 A 19991019; US 5993191 A 19991130

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DE 19752293 A 19971126; DE 59808432 T 19981123; EP 98122213 A 19981123; JP 33464298 A 19981125; US 19957198 A 19981125