

Title (en)  
FUEL HEATED HEAT SOURCE

Publication  
**EP 0109620 A3 19850626 (DE)**

Application  
**EP 83111256 A 19831111**

Priority  
• DE 8232300 U 19821118  
• DE 8301955 U 19830122

Abstract (en)  
[origin: EP0109620A2] Fuel-heated heat source, in particular a circulating water heater which has a combustion chamber, in which a heat exchanger acted upon by a burner is arranged, the combustion chamber being connected to the atmosphere only via a fresh air supply pipe and a waste gas outlet pipe, and a fan being provided in one of the two pipes. Between the two pipes, there is arranged a bypass flap which bypasses the heat exchanger in terms of flow and which is coupled positionally to an air flap, the latter governing the air supply to the combustion chamber. <IMAGE>

IPC 1-7  
**F23L 3/00**; **F23L 11/02**; **F23L 13/02**; **F23N 3/06**; **F24H 9/00**; **F24H 9/20**

IPC 8 full level  
**F23L 3/00** (2006.01); **F23L 11/02** (2006.01); **F23L 13/02** (2006.01); **F23N 3/06** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)  
**F23L 3/00** (2013.01); **F23L 11/02** (2013.01); **F23L 13/02** (2013.01); **F23N 3/065** (2013.01); **F24H 9/0031** (2013.01); **F23C 2900/03007** (2013.01)

Citation (search report)  
• [Y] FR 2411365 A1 19790706 - VAILLANT SARL [FR]  
• [Y] US 4033269 A 19770705 - LITTLE ALMA M, et al  
• [A] FR 2356882 A1 19780127 - CLAEYS FLANDRIA NV [BE], et al

Cited by  
EP0655579A1; EP0303559A3; US6612301B2; EP1434015A3; GB2255169A; GB2255169B; EP0356690A1; US7066170B1

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