

Title (en)  
HOT WATER TANK HEATED BY FUEL

Publication  
**EP 0118539 B1 19861112 (DE)**

Application  
**EP 83902986 A 19830917**

Priority  
DE 8226584 U 19820922

Abstract (en)  
[origin: WO8401206A1] In a hot water tank heated by fuel and provided with an annular compartment filled with water and arranged in a housing, the center of the compartment being traversed by a flue tube (5) heated by burned gas from a burner (7), an annular heating chamber (10) for the water of a heating installation is arranged between the flue tube (5) and the inner wall (28) of the water tank (33). The heating water may heat either the radiators of a heating installation or the inner wall of the water tank if a three-way valve (18) is switched. The temperature of the water which has been used is thereby independent from the heating temperature.

IPC 1-7  
**F24H 1/22**

IPC 8 full level  
**F24D 19/10** (2006.01); **F24H 1/22** (2006.01); **F24H 1/50** (2006.01)

CPC (source: EP US)  
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