

Title (en)  
FLASH TANK FOR HOT FLUIDS UNDER PRESSURE

Publication  
**EP 0344094 B1 19920102 (DE)**

Application  
**EP 89730114 A 19890502**

Priority  
DE 3818165 A 19880526

Abstract (en)  
[origin: EP0344094A1] The invention relates to a flash tank for hot liquid media under pressure, in particular water. In order to be able to carry off the medium, which occurs in at least two different pressure levels, into a flash chamber of the tank without creating vibrations and noise, it is proposed according to the invention that the flash chamber is divided by means of partition walls (3) into neighbouring individual flash compartments (4) which are open to the top to a vapour collecting chamber (9), that the supply pipes (5) for the medium are in each case guided into the flash chamber separately from one another, each supply pipe (5) being assigned to a separate flash compartment (4) or supply pipes (5) of the same pressure levels being assigned to a common flash compartment, that the shut-off members in the supply pipes (5) are arranged in the immediate vicinity of the flash tank (1), that the flash compartments (4) are connected, by means of a perforated bottom (6), to a condensate collecting chamber (7) situated underneath, that the condensate collecting chamber (7) is connected to the vapour collecting chamber (9) via a pressure compensation pipe (10) and that a device for maintaining a condensate level in the condensate collecting chamber (7) is provided. <IMAGE>

IPC 1-7  
**F22B 3/04**; **F22B 37/42**; **F22B 37/54**; **F22D 1/32**

IPC 8 full level  
**F22B 3/04** (2006.01); **F22B 37/42** (2006.01); **F22B 37/54** (2006.01); **F22D 1/32** (2006.01)

CPC (source: EP)  
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Cited by  
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