

Title (en)  
IMPROVEMENTS IN HEAT PUMP SYSTEMS FOR HOT WATER PRODUCTION

Publication  
**EP 0092864 A3 19840118 (EN)**

Application  
**EP 83200524 A 19830413**

Priority  
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• IT 2491482 A 19821222

Abstract (en)  
[origin: EP0092864A2] The hot water production system, in particular for domestic use, comprises: a water container connected to a cold water inlet (3) and hot water outlet (5); a water circuit connected to the container in which a circulation pump is disposed; and a heat pump, the condenser of which is in heat transfer relationship with said water circuit. In the water circuit (4) there is disposed a heat exchanger (7) heated by the condenser (8). Temperature control means (TA) are provided, which control the circulation pump (6) and heat pump (9). A temperature-controlled valve (14) controls the amount of water flowing from the water circuit to the container (1).

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**F24D 17/00**; **F24D 19/10**

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Citation (search report)  
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• US 4141222 A 19790227 - RITCHIE DAVID A  
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