

Title (en)  
Heating apparatus having an one-piece cast heat exchanger

Title (de)  
Heizgerät mit gegossenem, einteiligem Wärmetauscher

Title (fr)  
Appareil de chauffage avec échangeur de chaleur monobloc moulé

Publication  
**EP 1028298 A1 20000816 (EN)**

Application  
**EP 00200459 A 20000210**

Priority  
NL 1011271 A 19990210

Abstract (en)  
A heating apparatus, comprising at least a first heat exchanger, pump means, burner means, connecting means for an inlet and an outlet of a space heating circuit, connecting means for the supply pipe of a further heating circuit, in particular a tapping water heating circuit and a multiple-way valve for connecting a water duct in the heat exchanger to either the connecting means for the inlet of the space heating circuit or the connecting means for the inlet of the further heating circuit, the heat exchanger being cast from light metal or an alloy with light metal, at least the connecting means for the multiple-way valve and/or the pump means being cast integrally therewith. <IMAGE>

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**F24H 9/14**; **F24H 1/52**

IPC 8 full level  
**F24H 1/34** (2006.01); **F24H 1/52** (2006.01); **F24H 9/14** (2006.01)

CPC (source: EP)  
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Citation (search report)  
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• [A] DE 1404950 A1 19681031 - SIEMENS ELEKTROGERAETE GMBH  
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