

Title (en)
ELECTRICALLY HEATED APPARATUS FOR DOMESTIC USE

Publication
EP 0044040 A3 19821027 (DE)

Application
EP 81105343 A 19810709

Priority
DE 3026545 A 19800712

Abstract (en)
[origin: EP0044040A2] The apparatus has a vat (12), in which water is used for cleaning purposes, for example for washing dishes. The water passes into the apparatus through a throughflow heater (17), arranged outside the vat (12), from where it passes via a pipe (18) into the vat (12). In order to keep any damage as low as possible even if all safety devices fail, the throughflow heater has a high output in relation to its surface so that its heating device burns through if the throughflow heater (17) operates without water, in which case the excessive temperature thereby occurring is limited to the throughflow heater (17) itself. The characteristics of the throughflow heater (17) are selected such that burning-through of the heating device actually occurs if it operates without water. In preferred embodiments, it is ensured by corresponding design of the throughflow heater that a good eddying of the water occurs in the latter without the formation of bubbles. <IMAGE>

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A47L 15/42; **D06F 39/04**; **F24H 1/10**; **H05B 3/48**

IPC 8 full level
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Citation (search report)

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