

Title (en)  
ELECTRICAL APPLIANCES

Title (de)  
ELEKTRISCHE GERÄTE

Title (fr)  
APPAREILS ÉLECTRIQUES

Publication  
**EP 2162676 A2 20100317 (EN)**

Application  
**EP 08750624 A 20080515**

Priority  

- GB 2008001692 W 20080515
- GB 0709432 A 20070516
- GB 0718521 A 20070921
- GB 0722934 A 20071122

Abstract (en)  
[origin: WO2008139205A2] An electric flow-through liquid dispenser including means for avoiding retaining liquid between the dispensing outlet and a heater or cooler. Instead, the liquid may be recirculated through the heater or cooler in the next dispensing operation. Alternatively, the liquid may be evacuated before the next dispensing operation. Alternatively, the heater or cooler may be disposed immediately behind the outlet, so that the retained volume of liquid is minimized. A flow-through heating apparatus comprising a heated flow path and a downstream depressurising means is also disclosed. Also disclosed is a superheated steam generator using a flow- through heater.

IPC 8 full level  
**F22G 1/16** (2006.01)

CPC (source: EP US)  
**A47J 31/34** (2013.01 - EP); **A47J 31/469** (2018.07 - EP US); **A47J 31/542** (2013.01 - EP); **F22B 1/28** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008139205A2

Citation (examination)  

- WO 9948331 A1 19990923 - STRIX LTD [GB], et al
- GB 2363055 A 20011212 - OTTER CONTROLS LTD [GB]
- EP 1238615 A2 20020911 - STRIX LTD [GB]
- EP 1616516 A2 20060118 - SAMSUNG ELECTRONICS CO LTD [KR]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2008139205 A2 20081120; WO 2008139205 A3 20090108**; CN 101743438 A 20100616; EP 2162676 A2 20100317; EP 2481329 A1 20120801; GB 0722934 D0 20080102

DOCDB simple family (application)  
**GB 2008001692 W 20080515**; CN 200880024955 A 20080515; EP 08750624 A 20080515; EP 12164328 A 20080515; GB 0722934 A 20071122