

Title (en)  
Heating device for a washing machine

Title (de)  
Heizvorrichtung für eine Waschmaschine

Title (fr)  
Dispositif de chauffage pour machine à laver

Publication  
**EP 1293597 B1 20091202 (DE)**

Application  
**EP 02020582 A 20020917**

Priority  
DE 10145702 A 20010917

Abstract (en)  
[origin: EP1293597A2] The unit (10) for heating liquid or gaseous media takes the form of a plane area element (22) which is provided with at least one insulated and sealed resistance heating element (30), and is chemically stable with respect to the medium being heated. The area element further possesses specified high-voltage insulation and limiting leakage current values, as well as a preferred thermal conductivity range.

IPC 8 full level  
**D06F 39/04** (2006.01); **A47L 15/42** (2006.01); **H03B 5/28** (2006.01); **H05B 3/28** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP US)  
**A47L 15/4285** (2013.01 - EP); **D06F 39/04** (2013.01 - EP US); **H05B 3/283** (2013.01 - EP)

Cited by  
EP3040013A1; DE102005043030A1; DE102013207088A1; RU2624725C2; FR2932971A1; FR2932972A1; DE10320379A1; CN102143702A; EP4231777A1; US8811807B2; US11696370B2; WO2006097245A1; WO2009156190A1; WO2014170210A1; WO2006108622A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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**EP 1293597 A2 20030319; EP 1293597 A3 20040825; EP 1293597 B1 20091202**; AT E450646 T1 20091215; DE 10145702 A1 20030417; DE 50214034 D1 20100114; ES 2337658 T3 20100428

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