

Title (en)

Device for heating water, in particular in a dishwasher

Title (de)

Vorrichtung zum Heizen vom Wasser, insbesondere in einer Geschirrspülmaschine

Title (fr)

Dispositif pour chauffer l'eau , en particulier dans un lave-vaisselle

Publication

EP 1053713 A2 20001122 (EN)

Application

EP 00830126 A 20000222

Priority

IT MI990365 A 19990223

Abstract (en)

A device for heating water includes a metallic tube (T) on which there is wound a resistor (R), as well as a tapered body (N) mounted inside the tube (T) by means of a plurality of supports (S). In this way, thanks to the reduction of the free cross-section, an increase in the speed of the water flow is achieved without decreasing the heat exchange area while maintaining the same overall size. The subsequent higher rate of heat exchange allows to reduce the activation time and/or the power of the resistor, and thus ultimately to reduce the power consumption and/or limit the peak power absorbed by the machine. <IMAGE>

IPC 1-7

A47L 15/42

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4285 (2013.01)

Cited by

EP1159911A3; WO2018162211A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1053713 A2 20001122; EP 1053713 A3 20021218; IT 1309634 B1 20020130; IT MI990365 A1 20000823

DOCDB simple family (application)

EP 00830126 A 20000222; IT MI990365 A 19990223