

Title (en)  
PRE-HEATING CONTIGUOUS IN-LINE WATER HEATER

Title (de)  
VORHEIZENDER NAHER WASSERERHITZER

Title (fr)  
CHAUFFE-EAU INSTANTANE CONTIGU DE PRECHAUFFAGE

Publication  
**EP 1604154 A4 20131204 (EN)**

Application  
**EP 04710618 A 20040212**

Priority  

- US 2004004038 W 20040212
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- US 52635203 P 20031202
- US 52633303 P 20031202

Abstract (en)  
[origin: WO2004072562A2] An improved pre-heating, contiguous in-line water heater is described. The in-line water heater utilizes a passive heating means to passively heat at least a portion of the input water received by the in-line water heater. The result is a more cost efficient water heater. The in-line water heater is integrated with a means for control to receive input from at least one sensor and to regulate the operation of the in-line water heater.

IPC 8 full level  
**F24H 1/10** (2006.01); **H05B 3/18** (2006.01)

CPC (source: EP US)  
**F24H 1/102** (2013.01 - EP US)

Citation (search report)  

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- See references of WO 2004072562A2

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

DOCDB simple family (publication)  
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