

Title (en)  
CONNECTION ADAPTER FOR HEATING ELEMENTS

Title (de)  
ANSCHLUSSADAPTER F R HEIZK RPER

Title (fr)  
ADAPTATEUR DE RACCORDEMENT POUR RADIATEUR

Publication  
**EP 1546615 B1 20070214 (DE)**

Application  
**EP 03750486 A 20030903**

Priority  
• DE 10243420 A 20020918  
• EP 0309769 W 20030903

Abstract (en)  
[origin: WO2004029520A1] The invention relates to a connection adapter for connecting a valve, especially a thermostat valve, and/or a pipe and/or a pump to a heating element. The connection adapter (5) comprises a housing (8) provided with two connection flanges (9) which are provided for connection to corresponding supports (10) of the heating element (1). The connection flanges (9) comprise frontal sealing surfaces (11) which can be sealingly placed on supports (10) of the heating element (1) by means of a respective seal (13). A securing means (14) engages with the side (4) of the housing (8) facing away from the connection flanges (9) and a force which acts in an axial manner in relation to the connection flanges (9) can be produced by engagement with the retaining means provided on the heating element (16)

IPC 8 full level  
**F24H 9/12** (2006.01)

CPC (source: EP)  
**F24D 19/0012** (2013.01); **F24D 19/0019** (2013.01); **F24D 2220/2045** (2013.01)

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)  
**WO 2004029520 A1 20040408**; AT E354067 T1 20070315; AU 2003270145 A1 20040419; AU 2003270145 A8 20040419; CN 100487336 C 20090513; CN 1688851 A 20051026; DE 10243420 A1 20040401; DE 50306535 D1 20070329; EP 1546615 A1 20050629; EP 1546615 B1 20070214; RU 2005111242 A 20060410; RU 2324865 C2 20080520

DOCDB simple family (application)  
**EP 0309769 W 20030903**; AT 03750486 T 20030903; AU 2003270145 A 20030903; CN 03822216 A 20030903; DE 10243420 A 20020918; DE 50306535 T 20030903; EP 03750486 A 20030903; RU 2005111242 A 20030903