

Title (en)

Method for recognising a defective membrane expansion tank in a heating circuit with a burner

Title (de)

Verfahren zur Erkennung eines defekten Membranausdehnungsgefäßes in einem Heizkreis mit einem Brenner

Title (fr)

Procédé de reconnaissance d'un récipient d'extension de membrane défectueux dans un circuit de chauffage doté d'un brûleur

Publication

EP 2282129 A3 20111102 (DE)

Application

EP 10006788 A 20100701

Priority

DE 102009031835 A 20090703

Abstract (en)

[origin: EP2282129A2] The method involves controllably switching on and off of a burner (3), and detecting actual pressure data of a pressure sensor (4) by a heating circuit (2). An integrative pressurized average value is formed from the detected actual pressure data during switching on of the burner. The pressurized average value and a pressurized reference value are compared with each other from a temperature reference value of a heating boiler (5) or from an operating time-reference value of the burner, where the heating boiler is connected to the heating circuit.

IPC 8 full level

F24D 3/10 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)

F24D 3/1008 (2013.01 - EP); **F24D 19/1009** (2013.01 - EP US); **F24H 15/242** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US)

Citation (search report)

- [AD] DE 10335310 B3 20041104 - HONEYWELL BV [NL]
- [A] DE 202005010605 U1 20051103 - VAILLANT GMBH [DE]

Cited by

EP4209719A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

DE 102009031835 A1 20110105; EP 2282129 A2 20110209; EP 2282129 A3 20111102; EP 2282129 B1 20120905; PL 2282129 T3 20130430

DOCDB simple family (application)

DE 102009031835 A 20090703; EP 10006788 A 20100701; PL 10006788 T 20100701