Title (en)

Assembly of a device comprising a gas burner

Title (de)

Befestigungsanordnung für einen Gasbrenner

Title (fr)

Montage d'un dispositif comportant un brûleur gaz

Publication

EP 0994301 A1 20000419 (FR)

Application

EP 99402550 A 19991015

Priority

FR 9813020 A 19981016

Abstract (en)

The burner (10) is mounted over a hearth plate (20) and fed with gas through an injector (40) fixed to a support (50). The support is fitted from beneath the heart plate and held in place by a nut (60) fitted above it. The nut has a first face (63) which fits against the top of the hearth plate in the assembled position, and a second face (62) which fits against the support, with hard (80) and supple (90) insulating washers between.

Abstract (fr)

L'invention se rapporte au montage d'un dispositif comportant un brûleur à gaz (10, 30) monté au-dessus d'une plaque d'âtre (20). Le gaz arrive vers le brûleur (10, 30) au travers de la plaque d'âtre (20), et est injecté dans le brûleur (10, 30) par un injecteur (40) fixé à un support (50) monté par le dessus de la plaque d'âtre et situé sous la plaque d'âtre (20). Le support (50) est mis en position par rapport au dessus de la plaque d'âtre (20) et est maintenu dans cette position. <IMAGE>

IPC 1-7 (main, further and additional classification)

F23D 14/06; F23D 14/46

IPC 8 full level (invention and additional information)

F23D 14/06 (2006.01); **F23D 14/46** (2006.01); **F23D 14/64** (2006.01)

CPC (invention and additional information)

F23D 14/06 (2013.01); **F23D 14/46** (2013.01); **F23D 14/64** (2013.01)

Citation (search report)

- [X] DE 29805620 U1 19980514 - SCHOTT GLAS [DE]
- [X] GB 2256268 A 19921202 - ZANUSSI ELETTRODOMESTICI [IT]
- [A] EP 0751352 A1 19970102 - EUROP EQUIP MENAGER [FR]
- [A] GB 1579322 A 19801119 - GLYNWED DOMESTIC & HEATING APP

Cited by

CN104315517A; FR2831242A1; EP1306616A1; CN102183016A; US6537065B1; EP2693125A1; CN103742909A; US6889685B2; WO2017211973A1

Designated contracting state (EPC)

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

EPO simple patent family

EP 0994301 A1 20000419; EP 0994301 B1 20040102; AT 257235 T 20040115; DE 69913912 D1 20040205; DE 69913912 T2 20041118; ES 2214827 T3 20040916; FR 2784740 A1 20000421; FR 2784740 B1 20010105

INPADOC legal status

2018-01-31 [PGFP FR] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : FR
- Payment date : 20171020
- Year of fee payment : 19

2017-10-20 [REG FR PLFP] FEE PAYMENT
- Year of fee payment : 19

2016-10-14 [REG FR PLFP] FEE PAYMENT
- Year of fee payment : 18

2016-05-27 [REG FR GC] LIEN (PLEDGE) CONSTITUTED
- Effective date : 20160426

2016-05-20 [REG FR TP] TRANSMISSION OF PROPERTY
- Owner name : GROUPE BRANDT, FR
- Effective date : 20160420

2015-09-25 [REG FR PLFP] FEE PAYMENT
- Year of fee payment : 17

2014-05-30 [PG25 ES] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : ES
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20121016

2014-01-16 [REG ES FD2A] ANNOUNCEMENT OF LAPSE IN SPAIN
- Effective date : 20140116

2013-06-28 [PG25 DE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : DE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20110502

2012-01-31 [PGFP ES] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : ES
- Payment date : 20111110
- Year of fee payment : 13

2011-12-30 [PG25 IT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : IT
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20101015

2011-11-03 [REG ES PC2A] TRANSFER OF PATENT
- Owner name : FAGORBRANDT SAS
- Effective date : 20111021

2011-09-30 [REG FR CD] CHANGE OF NAME OR COMPANY NAME
- Owner name : FAGORBRANDT SAS, FR
- Effective date : 20110826

2011-09-01 [REG DE R119] APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE
- Document : DE 69913912
- Effective date : 20110502

2010-11-30 [PG25 GB] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : GB
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20091015

2010-04-30 [PGFP IT] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : IT
- Payment date : 20091029
- Year of fee payment : 11

2010-01-29 [PGFP DE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : DE
- Payment date : 20091116
- Year of fee payment : 11

2009-06-30 [PGFP GB] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : GB
- Payment date : 20081118
- Year of fee payment : 10

2008-01-02 [REG GB 732E] AMENDMENTS TO THE REGISTER IN RESPECT OF CHANGES OF NAME OR CHANGES AFFECTING RIGHTS (SECT. 32/1977)

2008-01-02 [PG25 PT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : PT
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20040602

2007-12-31 [BERE] BE: LAPSED
- Owner name : *BRANDT COOKING
- Effective date : 20041031

2005-06-15 [REG CH PL] PATENT CEASED

2005-04-30 [BERE] BE: LAPSED
- Owner name : *BRANDT COOKING
- Effective date : 20041031

2005-01-28 [REG FR TP] TRANSMISSION OF PROPERTY

2004-12-22 [26N] NO OPPOSITION FILED
- Effective date : 20041005

2004-10-31 [PG25 BE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : BE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20041031

2004-10-31 [PG25 CH] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : CH
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20041031

2004-10-31 [PG25 LI] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : LI
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20041031

2004-10-31 [PG25 MC] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : MC
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20041031

2004-10-15 [PG25 LU] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : LU
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20041015

2004-09-16 [REG ES FG2A] DEFINITIVE PROTECTION
- Document : ES 2214827 T3

2004-08-25 [REG IE FD4D] EUROPEAN PATENTS DESIGNATING IRELAND TREATED AS ALWAYS HAVING BEEN VOID

2004-06-09 [RAP2] TRANSFER OF RIGHTS OF AN EP GRANTED PATENT
- Owner name : BRANDT INDUSTRIES

2004-06-01 [NLV1] NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT

2004-05-12 [GBT] GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)
- Effective date : 20040416

2004-04-02 [PG25 DK] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : DK
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040402

2004-04-02 [PG25 GR] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : GR
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040402

2004-04-02 [PG25 SE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : SE
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040402

2004-02-05 [REF] CORRESPONDS TO:
- Document : DE 69913912 P 20040205

2004-01-28 [REG IE FG4D] EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
- Free text : FRENCH

2004-01-15 [REG CH EP] ENTRY IN THE NATIONAL PHASE

2004-01-07 [REG GB FG4D] EUROPEAN PATENT GRANTED
- Free text : NOT ENGLISH

2004-01-02 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : B1
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2004-01-02 [PG25 AT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : AT
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040102

2004-01-02 [PG25 CY] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : CY
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040102

2004-01-02 [PG25 FI] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : FI
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040102

2004-01-02 [PG25 IE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : IE
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040102

2004-01-02 [PG25 NL] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : NL
- Free text : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT
- Effective date : 20040102

2002-10-30 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20020911

2001-01-03 [AKX] PAYMENT OF DESIGNATION FEES
- Free text : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2000-10-11 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 20000816

2000-04-19 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A1
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2000-04-19 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI