

Title (en)
Heating installation

Title (de)
Heizeinrichtung

Title (fr)
Installation de chauffage

Publication
EP 1130343 A3 20030122 (DE)

Application
EP 01102104 A 20010131

Priority
• AT 5112000 A 20000327
• DE 10004549 A 20000202

Abstract (en)
[origin: DE10104229A1] The central heating boiler has a safety temperature limiting device (13) provided on the cold water side of the boiler heat exchanger and cooperating with a gas valve inserted in the gas feed to the gas burner (1), for shut-off of the gas feed for preventing overheating of the heat exchanger. The safety temperature limiting device can have a bimetallic switch used for opening an electrical contact at a defined threshold temperature.

IPC 1-7
F24H 9/20; **F23N 5/24**

IPC 8 full level
F23N 5/24 (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)
F24H 9/2035 (2013.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/31** (2022.01 - EP US)

Citation (search report)
• [X] FR 2549941 A1 19850201 - SDECC [FR]
• [A] GB 1461189 A 19770113 - VAILLANT JOH KG
• [A] EP 0548655 A1 19930630 - VAILLANT JOH GMBH & CO [DE]
• [A] US 5312036 A 19940517 - TROTTER URSUS [CL]
• [A] GB 2012411 A 19790725 - MITCHELL D A
• [A] DE 3204656 A1 19830818 - VAILLANT JOH GMBH & CO [DE]
• [A] DE 9105984 U1 19910808
• [A] FR 2563912 A1 19851108 - VAILLANT SARL [FR]
• [A] FR 2283402 A1 19760326 - LEBLANC SA E L M [FR]
• [A] US 5143050 A 19920901 - SPIVEY MICHAEL E [US]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 10104229 A1 20010809; DE 50106840 D1 20050901; EP 1130343 A2 20010905; EP 1130343 A3 20030122; EP 1130343 B1 20050727; ES 2245657 T3 20060116; PL 200089 B1 20081231; PL 345498 A1 20010813; PT 1130343 E 20051130

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