

Title (en)

DEVICE FOR TEMPERATURE REGULATION/LIMITATION IN A HEAT GENERATING INSTALLATION

Title (de)

VORRICHTUNG ZUR TEMPERATURREGELUNG/-BEGRENZUNG FÜR EINE WÄRMEERZEUGUNGSANLAGE

Title (fr)

DISPOSITIF DE REGULATION/LIMITATION DE TEMPERATURE POUR UNE INSTALLATION DE PRODUCTION DE CHALEUR

Publication

**EP 1606555 A1 20051221 (DE)**

Application

**EP 04721538 A 20040318**

Priority

- EP 2004002834 W 20040318
- EP 03006570 A 20030324
- EP 04721538 A 20040318

Abstract (en)

[origin: EP1462724A1] An automatic heating control unit has a safety module which compares the temperature fed to a regulator from a sensor with a maximum allowable safe temperature (TSTB) stored in the safety module. If the safe temperature is reached or exceeded, the safety module generates a switch-off signal which causes the system to be switched off by the automatic heating control unit. An independent claim is included for a method of checking the temperature regulation or limiting function of a heat generating system.

IPC 1-7

**F23N 5/24**

IPC 8 full level

**F23N 5/24** (2006.01)

CPC (source: EP US)

**F23N 5/242** (2013.01 - EP US); **F23N 2223/02** (2020.01 - EP US); **F23N 2223/04** (2020.01 - EP US); **F23N 2223/08** (2020.01 - EP US)

Citation (search report)

See references of WO 2004085924A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1462724 A1 20040929; EP 1462724 B1 20071017**; AT E376150 T1 20071115; DE 50308404 D1 20071129; EP 1606555 A1 20051221; US 2007175624 A1 20070802; WO 2004085924 A1 20041007

DOCDB simple family (application)

**EP 03006570 A 20030324**; AT 03006570 T 20030324; DE 50308404 T 20030324; EP 04721538 A 20040318; EP 2004002834 W 20040318; US 55028104 A 20040318