

Title (en)
A HEATING DEVICE

Title (de)
HEIZVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE

Publication
EP 1938020 A1 20080702 (EN)

Application
EP 06804319 A 20060901

Priority
• ZA 2006000103 W 20060901
• ZA 200507045 A 20050902

Abstract (en)
[origin: WO2007028175A1] The invention provides for a heating device control system 10. The system 10 includes a temperature sensor 21 arranged to measure a temperature of a liquid when heated by a heating device, such as a hot water cylinder 12. The system 10 includes a control arrangement arranged to monitor pre-determined parameters, such as a heating rate, associated with heating of the heating device 12 and to interrupt electrical current supply to a heating element 25 of the heating device 12 should any one of the monitored parameters deviate from a pre-determined amount. The system 10 further includes a remote indication device 16 operatively associated with the control arrangement and arranged to indicate to a user that electrical current supply to the heating element 25 of the heating device 12 has been interrupted.

IPC 8 full level
F24H 9/20 (2006.01); **A47J 31/56** (2006.01); **G05D 23/19** (2006.01); **H05B 1/02** (2006.01)

CPC (source: EP US)
F24H 9/2014 (2013.01 - EP US); **F24H 15/156** (2022.01 - EP US); **F24H 15/219** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/395** (2022.01 - EP US); **F24H 15/414** (2022.01 - EP US); **F24H 15/486** (2022.01 - EP US); **G05D 23/1905** (2013.01 - EP); **H05B 1/0283** (2013.01 - EP)

Citation (search report)
See references of WO 2007028175A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007028175 A1 20070308; AU 2006287152 A1 20070308; AU 2006287152 A2 20080731; EP 1938020 A1 20080702; ZA 200710542 B 20091230; ZA 200710543 B 20091230

DOCDB simple family (application)
ZA 2006000103 W 20060901; AU 2006287152 A 20060901; EP 06804319 A 20060901; ZA 200710542 A 20071204; ZA 200710543 A 20071204