

Title (en)

Apparatus for supervising hot plates

Title (de)

Vorrichtung zur Überwachung von Heizplatten

Title (fr)

Appareil permettant de surveiller des plaques chauffantes

Publication

EP 2634495 A3 20170712 (EN)

Application

EP 13156307 A 20130222

Priority

SE 1250168 A 20120224

Abstract (en)

[origin: EP2634495A2] An apparatus for supervising hot plates (1) of a stove (2) with regard to overheating has at least two sensor members (5, 6) directed towards different areas of the stove for indirectly sensing temperatures of different hot plates. A device (10) is configured to compare temperature information so obtained associated with each particular hot plate area with data relating to that area so as to determine whether a condition of overheating exists in any of the hot plate areas and control a breaking member (11) to break the energy supply to the stove upon determination of existence of an overheating condition in any of the hot plate areas.

IPC 8 full level

F24C 15/20 (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP)

F24C 7/083 (2013.01); **F24C 15/2021** (2013.01)

Citation (search report)

- [X] DE 19522300 A1 19970102 - BERUFSFOERDERUNGSWERK HEIDELBE [DE]
- [X] EP 1485652 A1 20041215 - JENKA ELECTRONICS AS [DK]
- [X] DE 102008041390 A1 20100225 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] EP 0683475 A2 19951122 - BIRGING TORBJOERN [SE], et al

Cited by

EP3509390A1; US11517146B2; USD927996S

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2634495 A2 20130904; EP 2634495 A3 20170712

DOCDB simple family (application)

EP 13156307 A 20130222