

Title (en)
Power control device

Title (de)
Leistungssteuergerät

Title (fr)
Regulateur de puissance

Publication
EP 0901309 A3 19991208 (DE)

Application
EP 98115581 A 19980819

Priority
DE 19738677 A 19970904

Abstract (en)
[origin: EP0901309A2] The power control device has a thermic release (24) for the electric hob switch (12), operated by an electrically operated control heating element, with a control device (53) coupled to sensors (55) for controlling the control heating element in response to detected conditions, e.g. the presence of a cooking vessel, or the maximum cooking duration. OF DLRAWING - The drawing shows a circuit diagram of the power control device for an electric cooking hob. Electric hob switch, 12. Control device, 53. Pan sensor, 55.

IPC 1-7
H05B 1/02; H01H 37/12

IPC 8 full level
H01H 61/06 (2006.01)

CPC (source: EP)
H01H 61/063 (2013.01)

Citation (search report)

- [XY] EP 0429120 A2 19910529 - WHIRLPOOL INT [NL], et al
- [YA] US 5243172 A 19930907 - HAZAN JEAN-PIERRE [FR], et al
- [YA] US 4829279 A 19890509 - KICHERER ROBERT [DE], et al
- [XY] US 5396047 A 19950307 - SCHILLING WILFRIED [DE], et al
- [YA] DE 19533554 A1 19960314 - STRIX LTD [GB]
- [A] DE 19503174 A1 19960808 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
US12066192B2

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

DOCDB simple family (publication)
EP 0901309 A2 19990310; EP 0901309 A3 19991208; DE 19738677 A1 19990311

DOCDB simple family (application)
EP 98115581 A 19980819; DE 19738677 A 19970904