

Title (en)

Control device and control method for an electric household appliance

Title (de)

Bedienvorrichtung und Bedienverfahren für ein elektrisches Haushaltsgerät

Title (fr)

Dispositif et méthode de commande pour un appareil ménager électrique

Publication

EP 1517089 B1 20060809 (DE)

Application

EP 04021648 A 20040911

Priority

DE 10345352 A 20030918

Abstract (en)

[origin: EP1517089A1] The camera (3) and lens (7) are situated beneath a ceramic hob (1) and illuminated (8) to show a finger (13) placed over the required heater indicator in a transparent selection panel (2). The lens discriminates between the indicators and an evaluation unit (4) compares the images to activate the heater.

IPC 8 full level

F24C 7/08 (2006.01); **G01B 11/00** (2006.01); **F24C 15/00** (2006.01); **G06F 3/042** (2006.01); **H01H 35/00** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

F24C 7/082 (2013.01 - EP US); **H05B 3/746** (2013.01 - EP US)

Cited by

EP2637476A1; US9347672B2; WO2005106335A3; WO2012150216A1

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 1517089 A1 20050323; **EP 1517089 B1 20060809**; AT E335965 T1 20060915; CN 1619225 A 20050525; DE 10345352 A1 20050414; DE 502004001143 D1 20060921; ES 2271755 T3 20070416; JP 2005172415 A 20050630; US 2005061958 A1 20050324; US 7238929 B2 20070703

DOCDB simple family (application)

EP 04021648 A 20040911; AT 04021648 T 20040911; CN 200410090036 A 20040917; DE 10345352 A 20030918; DE 502004001143 T 20040911; ES 04021648 T 20040911; JP 2004267697 A 20040915; US 94402104 A 20040917