

Title (en)

ELECTRICAL HOUSEHOLD APPLIANCE EQUIPPED WITH A CONTROL DEVICE AND A DISPLAY DEVICE

Title (de)

ELEKTROHAUSHALTSGERÄT MIT BEDIENEINRICHTUNG UND ANZEIGEEINRICHTUNG

Title (fr)

APPAREIL ELECTROMENAGER EQUIPE D'UN DISPOSITIF DE COMMANDE ET D'UN DISPOSITIF D'AFFICHAGE

Publication

EP 1573111 A1 20050914 (DE)

Application

EP 02764878 A 20020909

Priority

- DE 10236718 A 20020806
- EP 0210082 W 20020909

Abstract (en)

[origin: US2006089732A1] One embodiment of the invention concerns an electrical household apparatus, for example a washing machine, equipped with a control device in the form of a panel, said panel comprising a display device for providing visual data to the user. Said panel (10) is made of a material which is substantially opaque when it has a normal thickness (14). One area specific to the display device (15) comprises at least one transparency zone (20) wherein the thickness of the panel material is reduced relative to the thickness of the material outside said transparency zone such that light from a light source (16), for example a light-emitting diode, located behind the panel may pass through said transparency zone. Such a configuration provides backlit panels having a closed surface. In another embodiment, the control device is in the form of a turning knob (70, 80).

IPC 1-7

D06F 39/00; A47L 15/42; F24C 7/08

IPC 8 full level

A47L 15/42 (2006.01); **D06F 39/00** (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP KR US)

A47L 15/4293 (2013.01 - EP KR US); **D06F 34/32** (2020.02 - KR); **D06F 34/34** (2020.02 - EP KR US); **D06F 39/00** (2013.01 - KR); **F24C 7/082** (2013.01 - EP KR US); **G09F 23/0058** (2013.01 - EP KR US); **D06F 34/32** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP KR US); **H01H 2219/01** (2013.01 - EP KR US); **H01H 2219/014** (2013.01 - EP KR US); **H01H 2219/028** (2013.01 - EP KR US); **H01H 2219/064** (2013.01 - EP KR US); **H01H 2231/012** (2013.01 - EP KR US); **H01H 2239/006** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2004018759A1

Cited by

DE102014211305A1; DE102014210824A1; DE102016210171A1; DE102012220255A1; DE102019129120B3; DE102016211327A1; DE102012220255B4; DE102016214642A1; WO2018028949A1; DE102016214642B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

US 2006089732 A1 20060427; AT E413486 T1 20081115; AU 2002329273 A1 20040311; CN 1697898 A 20051116; CN 1697898 B 20100609; DE 10236718 A1 20040212; DE 50212997 D1 20081218; EP 1573111 A1 20050914; EP 1573111 B1 20081105; JP 2005534456 A 20051117; KR 20050073447 A 20050713; PL 198346 B1 20080630; PL 374217 A1 20051003; WO 2004018759 A1 20040304

DOCDB simple family (application)

US 52347605 A 20050725; AT 02764878 T 20020909; AU 2002329273 A 20020909; CN 02829716 A 20020909; DE 10236718 A 20020806; DE 50212997 T 20020909; EP 0210082 W 20020909; EP 02764878 A 20020909; JP 2004529951 A 20020909; KR 20057002314 A 20050207; PL 37421702 A 20020909