

Title (en)
A COOKING APPLIANCE HAVING A CONTROL KNOB

Title (de)
KOCHGERÄT MIT EINEM BEDIENKNOPF

Title (fr)
DISPOSITIF DE CUISSON DOTÉ D'UN BOUTON DE COMMANDE

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Application
EP 21211454 A 20211130

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Abstract (en)
The present invention proposes a cooking appliance (100) comprising a main body (110), a control panel (120) provided on the main body (110), a switch (30) for adjusting a power level of a heat source, the switch (30) comprising a shaft (20) extending through the control panel (120) and a control knob (10) connected to the shaft (20) for rotating the shaft (20), wherein said control knob (10) comprising a knob body (11) having a guiding portion (12) in which the shaft (20) is arranged to extend. The present invention also proposes a method of mounting a control knob (10) on a shaft (20) of a cooking appliance (100) comprising the steps of: providing the cooking appliance (100) wherein the cooking appliance (100) comprises a main body (110); a control panel (120) provided on the main body (110), and a switch (30) having a shaft (20) extending through the control panel (120) for adjusting a power level of a heat source, creating a recess (21) on the shaft (20) of the switch (30); providing a control knob (10) wherein the control knob (10) has a guiding portion (12) in which the shaft (20) is arranged to extend, and the guiding portion (12) having at least one protrusion (13) shaped and dimensioned with respect to the recess (21) on the shaft (20), and mounting the control knob (10) to the shaft (20) such that the protrusion (13) and the recess (21) engage each other at a locked position in which the control knob (10) and the shaft (20) rotate together.

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CPC (source: EP)
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US 2733083 A 19560131

Citation (search report)
• [XAYI] EP 2620831 A2 20130731 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [Y] US 2849891 A 19580902 - MILLS HERBERT E
• [Y] JP S5981816 U 19840602
• [A] JP S54169694 U 19791130
• [A] EP 2952817 A1 20151209 - BSH HAUSGERAETE GMBH [DE]
• [A] EP 3506328 A1 20190703 - BSH HAUSGERAETE GMBH [DE]
• [A] DE 7002051 U 19700702 - BAUKNECHT GMBH G [DE]

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