

Title (en)  
COMBINATION APPLIANCE AND THE USE OF THE COMBINATION APPLIANCE

Title (de)  
KOMBINATIONSGERÄT UND VERWENDUNG DES KOMBINATIONSGERÄTS

Title (fr)  
APPAREIL COMBINÉ ET UTILISATION DE L'APPAREIL COMBINÉ

Publication  
**EP 3951267 A1 20220209 (EN)**

Application  
**EP 20189681 A 20200805**

Priority  
EP 20189681 A 20200805

Abstract (en)  
A combination appliance (1) comprising a cooking hob (2), which comprises at least one support surface (4) and at least one therein formed recess (11), and at least one extraction device (3), which is arranged below the support surface (4) of the cooking hob (2) and comprises at least one fan (15) for sucking air from the space above the cooking hob (2) through the recess (11) of the support surface (4), and at least one lid (20) for the recess (11) , wherein: at least one control module (28), comprising at least one extraction control (18) that controls at least one operation parameter of the extraction device (3) , at least one hob control (6) that controls at least one operation parameter of the cooking hob (2), and at least one interface unit (29) that is at least connected to the extraction control (18) and to the hob control (6), and wherein the interface unit (29) is capable of sending signals to the extraction control (18), wherein the extraction control (18) is controlling the extraction device (3) in response to the signals received from the interface unit (29).

IPC 8 full level  
**F24C 7/08** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP US)  
**F24C 7/083** (2013.01 - EP US); **F24C 15/2021** (2013.01 - EP US); **F24C 15/2042** (2013.01 - EP US); **F24C 15/2064** (2013.01 - EP US)

Citation (search report)  
• [XY] WO 2019238421 A1 20191219 - BSH HAUSGERÄTE GMBH [DE]  
• [X] US 2007023420 A1 20070201 - GAGAS JOHN M [US]  
• [X] US 2003111456 A1 20030619 - ARNTZ TIMOTHY J [US], et al  
• [X] DE 102017127229 A1 20190523 - MIELE & CIE [DE]  
• [I] EP 2288853 A2 20110302 - MIELE & CIE [DE]  
• [Y] DE 102018120740 A1 20190214 - SCHOTT AG [DE]  
• [Y] US 2018207312 A1 20180726 - CHIANG TSUNG-CHE [TW]  
• [X] US 2010163549 A1 20100701 - GAGAS JOHN M [US], et al  
• [A] US 2014041649 A1 20140213 - SINUR RICHARD R [US], et al  
• [A] US 2018209662 A1 20180726 - ADAM JULIEN [FR], et al

Cited by  
EP4386266A1

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 3951267 A1 20220209**; AU 2021322672 A1 20230202; BR 112023001479 A2 20230314; CN 115885133 A 20230331;  
US 2023280044 A1 20230907; WO 2022028969 A1 20220210

DOCDB simple family (application)  
**EP 20189681 A 20200805**; AU 2021322672 A 20210727; BR 112023001479 A 20210727; CN 202180050009 A 20210727;  
EP 2021071071 W 20210727; US 202118019086 A 20210727