

Title (en)
COMBINATION APPARATUS WITH ACTUATABLE COVER ELEMENT

Title (de)
KOMBINATIONSGERÄT MIT BETÄTIGBAREM ABDECKELEMENT

Title (fr)
APPAREIL COMBINÉ AVEC ÉLÉMENT DE COUVERTURE ACTIONNABLE

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Application
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Abstract (en)
The present invention relates to a combination apparatus (1) comprising a hob (20) and at least one fume extraction device (30), wherein the hob (20) comprises a cooktop plate (21) with least one cooking unit (22.1, 22.2, 22.3, 22.4) and a recess (23) with a recess cross-section (23A) being formed in the cooktop plate (21), wherein the at least one fume extraction device (30) comprises a blower unit (31) and a flow channel (32) for guiding, preferably extracting, fumes from a cooking side (CS) of the hob (20) through the recess (23) in the direction (X) of the blower unit (31), wherein an inlet shaft (33) is arranged at the recess (23) on an apparatus side (AS) being opposite to the cooking side (CS) with reference to the cooktop plate (21), wherein the inlet shaft (33) is in flow connection or flow communication with the flow channel (32) and comprises a drive unit (34) and a cover element (35), wherein the cover element (35) is configured for actuation by the drive unit (34) for at least partially covering and/or roofing the recess cross-section (23A), wherein the combination apparatus (1) is configured for actuating the cover element (35), in particular dependent on at least one parameter relating at least to the at least one cooking unit (22.1, 22.2, 22.3, 22.4). The present invention relates further to a method for operating a combination apparatus (1).

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F24C 15/20 (2006.01)

CPC (source: EP)
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Citation (applicant)
• US 5279279 A 19940118 - WHITE ROGER D [US]
• DE 202018105372 U1 20181030 - BERBEL ABLUFTTECHNIK GMBH [DE]

Citation (search report)
• [Y] DE 102018107904 A1 20191010 - MIELE & CIE [DE]
• [Y] DE 102019220302 A1 20200625 - BSH HAUSGERÄTE GMBH [DE]
• [A] US 4766880 A 19880830 - VON BLANQUET GEORG [DE]
• [A] DE 202020103242 U1 20200802 - WESCO AG [CH]
• [A] EP 3557141 A1 20191023 - STEEL S R L [IT]

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