

Title (en)
COOKING HOB

Title (de)
KOCHFELD

Title (fr)
PLAQUE DE CUISSON

Publication
EP 3351859 B1 20191204 (EN)

Application
EP 17152619 A 20170123

Priority
EP 17152619 A 20170123

Abstract (en)
[origin: EP3351859A1] The present invention relates to a one-piece fastening element (20) for a cooking hob (10). The fastening element (20) comprises a first portion (22) being permanently connectable to an upper part (12) of the cooking hob (10) and a second portion (24) being detachably connectable to a lower part (14) of the cooking hob (10), so that the upper part (12) and the lower part (14) form the cooking hob (10). The first portion (22) of the fastening element (20) is formed as a plane sheet extending in a horizontal plane. The second portion (24) of the fastening element (20) comprises at least two spring elements (26), provided for a sidewall of the cooking hob (10) in order to clamp the cooking hob (10) within a cutout (34) of a worktop (36) enclosing circumferentially the cooking hob (10). The second portion (24) of the fastening element (20) includes a latch element (28) arranged between the two spring elements (26). The spring elements (26) have a U-shaped form and elastic properties which cause them to act in a radial direction. The latch element (28) includes a lug element (32), wherein said lug element (32) is engageable with a recess (42) formed in the side wall of the lower part (14) of the cooking hob (10), and wherein said lug element (32) extends outwards into a radial direction in a mounted state of the fastening element (20), and wherein the latch element (28) is aligned at an inner side of the side wall of the lower part (14) in the mounted state of the fastening element (20).

IPC 8 full level
F24C 15/10 (2006.01)

CPC (source: EP)
F24C 15/108 (2013.01)

Cited by
CN113195977A

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

DOCDB simple family (publication)
EP 3351859 A1 20180725; EP 3351859 B1 20191204

DOCDB simple family (application)
EP 17152619 A 20170123