

Title (en)
COOKER HOOD

Title (de)
KÜCHENHAUBE

Title (fr)
HOTTE DE CUISINIÈRE

Publication
EP 3421891 B1 20210127 (EN)

Application
EP 18176223 A 20180606

Priority
CN 201710504580 A 20170627

Abstract (en)
[origin: EP3421891A1] A cooker hood 1 is provided, including: a housing (30); a fan (11) mounted in the housing (30), where the fan (11) includes an air intake vent (11a) and an air exhaust vent (11b); and further including: an air guide pipe (12) mounted in the housing (30), where the air guide pipe (12) includes an air intake vent (12a) and an air exhaust vent (12b), and the air exhaust vent (12b) of the air guide pipe is connected to the air intake vent (11a) of the fan; and a pipe wall of the air guide pipe (12) is provided with acoustic attenuation micro holes. Noise generated when the cooker hood 1 runs leaks out of the acoustic attenuation micro holes on the air guide pipe (12) when passing through the air guide pipe (12), and the noise is reflected in space between the pipe wall of the air guide pipe (12) and the housing (30) back and forth for a plurality of times and is reduced after being reflected for the plurality of times, thereby achieving an effect of reducing the noise of the cooker hood.

IPC 8 full level
F24C 15/20 (2006.01); **F24F 13/24** (2006.01)

CPC (source: CN EP)
F24C 15/20 (2013.01 - CN EP)

Cited by
US11473783B2; CN113108345A; CN113729535A; US11466866B2; US11573010B2; US11629861B2

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

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EP 3421891 A1 20190102; EP 3421891 B1 20210127; CN 109140547 A 20190104

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