

Title (en)  
COOKER HOOD

Title (de)  
DUNSTABZUGSHAUBE

Title (fr)  
HOTTE DE CUISINIÈRE

Publication  
**EP 4187162 A1 20230531 (EN)**

Application  
**EP 22207399 A 20221115**

Priority  
CN 202122940226 U 20211126

Abstract (en)  
A cooker hood includes a smoke collecting hood, a box located above the smoke collecting hood, and a fan assembly arranged in the box. The fan assembly includes a volute, an impeller configured to generate negative pressure, and a motor configured to provide power for the impeller and mounted to the volute through a support. The cooker hood further includes an elastic connecting portion, and the volute is mounted in the box through the elastic connecting portion. In this way, the vibration transmitted from the fan assembly to the box can be reduced, thereby reducing the low-frequency vibration of the cooker hood and significantly alleviating the shake of the cooker hood. In addition, the structural noise radiated by the box and the volute of the cooker hood can be reduced.

IPC 8 full level  
**F24C 15/20** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)  
**F04D 17/16** (2013.01); **F04D 29/668** (2013.01); **F24C 15/20** (2013.01)

Citation (search report)

- [X] CN 214007620 U 20210820 - NINGBO FOTILE KITCHEN WARE CO
- [I] CN 208186472 U 20181204 - GREE ELECTRIC APPLIANCES INC ZHUHAI
- [XI] CN 214536365 U 20211029 - NINGBO FOTILE KITCHEN WARE CO

Cited by  
CN118274361A

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4187162 A1 20230531**; CN 217004579 U 20220719

DOCDB simple family (application)  
**EP 22207399 A 20221115**; CN 202122940226 U 20211126