

Title (en)
REFRIGERATOR AND FAN ASSEMBLY THEREOF

Title (de)
KÜHLSCHRANK UND GEBLÄSEANORDNUNG DAFÜR

Title (fr)
RÉFRIGÉRATEUR ET SON ENSEMBLE DE VENTILATEUR

Publication
EP 3418581 A1 20181226 (EN)

Application
EP 18176205 A 20180606

Priority
CN 201720716475 U 20170620

Abstract (en)
The present utility model provides a fan assembly, including a mounting base, where the mounting base includes a housing accommodating a fan, and a reinforcement member that fastens the housing to a to-be-mounted structure; the housing is provided with a first connecting member and the reinforcement member is provided with a second connecting member that matches and that is connected to the first connecting member; and the first connecting member is indirectly connected to the second connecting member by using a vibration reduction element. The present utility model further provides a refrigerator having the foregoing fan assembly. Therefore, the housing of the fan and a body of the refrigerator are not directly rigidly connected any longer, thereby greatly reducing noise generated by high-speed operation of the fan.

IPC 8 full level
F04D 29/66 (2006.01); **F25D 17/06** (2006.01)

CPC (source: EP)
F04D 29/668 (2013.01); **F25D 17/06** (2013.01); **F25B 2500/13** (2013.01)

Citation (search report)

- [X] DE 202005014370 U1 20060720 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] WO 2014101936 A1 20140703 - ARCELIK AS [TR], et al
- [X] WO 03089858 A1 20031030 - MULTIBRAS ELETRODOMESTICOS SA [BR], et al
- [XI] DE 20219814 U1 20030306 - THOMA PETER [DE]
- [X] EP 3079035 A1 20161012 - COOLER MASTER CO LTD [TW]

Cited by
CN113357178A; WO2023126724A1

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 3418581 A1 20181226; EP 3418581 B1 20210317; CN 207333306 U 20180508; PL 3418581 T3 20211108

DOCDB simple family (application)
EP 18176205 A 20180606; CN 201720716475 U 20170620; PL 18176205 T 20180606