

Title (en)

PROTECTIVE GRATING DESIGNED AS A FINGER GUARD, AND FAN

Title (de)

SCHUTZGITTER AUSGEFÜHRT ALS EINGRIFFSSCHUTZ UND VENTILATOR

Title (fr)

GRILLE DE PROTECTION RÉALISÉE COMME PROTECTION ANTI-MANIPULATION ET VENTILATEUR

Publication

EP 3918205 A1 20211208 (DE)

Application

EP 20737407 A 20200702

Priority

- DE 102019119625 A 20190719
- EP 2020068685 W 20200702

Abstract (en)

[origin: CN211082411U] The utility model relates to an anti-interference protective grid and a fan. The utility model relates to a protective grille (1) for a fan, comprising a planar perforated plate (2), in which a central ring (3) is arranged and which forms an insertion opening for a part of the fan, said perforated plate (2) comprising a plurality of holes (4) distributed over the entire surface thereof and arranged next to each other in a honeycomb structure. The protective grid is easy to manufacture and compact in structure, and noise generated by the fan is reduced in the operation period of the fan.

IPC 8 full level

F04D 29/70 (2006.01); **F04D 19/00** (2006.01); **F04D 29/54** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP)

F04D 19/002 (2013.01); **F04D 29/545** (2013.01); **F04D 29/644** (2013.01); **F04D 29/703** (2013.01); **F05D 2250/283** (2013.01)

Citation (search report)

See references of WO 2021013496A1

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)

DE 102019119625 A1 20210121; CN 211082411 U 20200724; EP 3918205 A1 20211208; WO 2021013496 A1 20210128

DOCDB simple family (application)

DE 102019119625 A 20190719; CN 201921444511 U 20190902; EP 2020068685 W 20200702; EP 20737407 A 20200702