

Title (en)

Spatial protective guard for axial fans and method of producing the protective guard

Title (de)

Räumliches Schutzgitter für Axiallüfter und Verfahren zur Herstellung des Schutzgitters

Title (fr)

Grille de protection spatiale pour ventilateurs axiaux et procédé de fabrication de la grille de protection

Publication

EP 2133574 A3 20130508 (DE)

Application

EP 09007655 A 20090610

Priority

DE 102008027940 A 20080612

Abstract (en)

[origin: EP2133574A2] The spatial protective screen comprises radially arranged support rods (1) that are formed as multiple flat profiles (3) wound over the high edges. The concentric grating rings (2) are firmly connected with the support rods. The sections (5) are formed from the plane of the flat profile, where the sections are placed between an inner end (4) and an outer end (6) of the support rods. An independent claim is included for a method for producing a spatial protective screen for propellers.

IPC 8 full level

F04D 29/70 (2006.01)

CPC (source: EP)

F04D 29/703 (2013.01)

Citation (search report)

- [X] DE 10003428 A1 20001221 - STADTMUELLER UWE [DE]
- [X] DE 29900923 U1 20000706 - MULFINGEN ELEKTROBAU EBM [DE]
- [X] DE 202006015889 U1 20080221 - EBM PAPST MULFINGEN GMBH & CO [DE]
- [X] US 2987242 A 19610606 - MAZZACANE ROBERT W
- [I] DE 10111397 A1 20020912 - EBM WERKE GMBH & CO KG [DE]
- [A] DE 202006019691 U1 20070301 - PFANNENBERG GMBH [DE]

Cited by

CN113803570A; CN104314881A; US12006950B1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2133574 A2 20091216; EP 2133574 A3 20130508; DE 102009025025 A1 20091217

DOCDB simple family (application)

EP 09007655 A 20090610; DE 102009025025 A 20090610