

Title (en)

Safety guard for fan

Title (de)

Schutzgitter für Lüfter

Title (fr)

Dispositif de protection pour ventilateur

Publication

EP 1571350 B2 20160928 (DE)

Application

EP 05004847 A 20050304

Priority

DE 102004011375 A 20040305

Abstract (en)

[origin: EP1571350A1] The protective grid has radially mounted support webs (1) and is connectable to the ventilator. The support webs are made from closed wire loops bent U-shaped at their inner ends so that two ends (5,7) are hair-pin shaped and at least the inner end (7) of the webs is flattened. The cross-section of the two parallel arms of the support webs at the flattened end is the same as the output cross-section of the arms of the support web. Independent claim describes method for manufacturing grid by making the support webs as closed loops with the two wire ends butt-joined together so that the two ends have a hairpin shape.

IPC 8 full level

F04D 29/64 (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)

F04D 29/703 (2013.01)

Citation (opposition)

Opponent :

- DE 10003428 A1 20001221 - STADTMUELLER UWE [DE]
- DE 10111397 A1 20020912 - EBM WERKE GMBH & CO KG [DE]
- DE 7202133 U 19720413

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1571350 A1 20050907; **EP 1571350 B1 20070221**; **EP 1571350 B2 20160928**; AT E354732 T1 20070315; DE 102004011375 A1 20050922; DE 502005000383 D1 20070405; ES 2282941 T3 20071016; SI 1571350 T1 20070831

DOCDB simple family (application)

EP 05004847 A 20050304; AT 05004847 T 20050304; DE 102004011375 A 20040305; DE 502005000383 T 20050304; ES 05004847 T 20050304; SI 200530018 T 20050304