

Title (en)
FLAT FLOW-CONDUCTING GRILLE

Title (de)
EBENES STRÖMUNGSLEITGITTER

Title (fr)
GRILLE DE GUIDAGE D'ÉCOULEMENT PLANE

Publication
EP 3298284 B1 20200708 (DE)

Application
EP 16723750 A 20160519

Priority
• DE 102015107907 A 20150520
• EP 2016061284 W 20160519

Abstract (en)
[origin: WO2016184970A1] The invention relates to a flow-conducting grille designed as a pre-conducting grille for arranging on an suction region of a fan, wherein the flow-conducting grille has a grille web structure about an axial center line, which grille web structure comprises radial webs spaced apart in the circumferential direction and coaxial circumferential webs spaced apart in the radial direction and an outer ring, wherein an inflow side of the flow-conducting grille extends flatly and parallel to a radial plane of the flow-conducting grille.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/44** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP US)
F04D 29/4213 (2013.01 - EP US); **F04D 29/444** (2013.01 - EP US); **F04D 29/541** (2013.01 - US); **F04D 29/663** (2013.01 - US);
F04D 29/703 (2013.01 - EP US); **F05D 2250/51** (2013.01 - EP US)

Cited by
WO2023166276A1

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

DOCDB simple family (publication)
WO 2016184970 A1 20161124; CN 204783851 U 20151118; DE 102015107907 A1 20161124; EP 3298284 A1 20180328;
EP 3298284 B1 20200708; US 10590954 B2 20200317; US 2018298916 A1 20181018

DOCDB simple family (application)
EP 2016061284 W 20160519; CN 201520479403 U 20150706; DE 102015107907 A 20150520; EP 16723750 A 20160519;
US 201615569452 A 20160519