

Title (en)
Scirocco fan and air-conditioning apparatus

Title (de)
Scirocco-Lüfter und Klimaanlagevorrichtung

Title (fr)
Ventilateur sirocco et appareil de climatisation

Publication
EP 2757268 B1 20190807 (EN)

Application
EP 14164771 A 20080325

Priority
• JP 2007081325 A 20070327
• EP 08722743 A 20080325
• JP 2008055477 W 20080325

Abstract (en)
[origin: EP2128451A1] A sirocco fan capable of reducing a noise value and a number of revolutions when obtaining a predetermined air-blowing amount, and an air-conditioning apparatus provided with the sirocco fan are provided. In the sirocco fan provided with a scroll 6, a fan body, which is rotatably disposed in the scroll 6 and includes a large number of blades arranged in a cylindrical manner, and a motor for rotationally driving the fan body, the scroll 6 is provided with two straight line portions 12 and 13 being approximately in parallel with each other on a whorl-like outer shape thereof, and a rotation shaft of the motor is positioned nearer to the straight line portion 12 situated nearer a tongue portion 8 of the scroll.

IPC 8 full level
F04D 29/44 (2006.01); **F24F 1/0022** (2019.01); **F04D 17/04** (2006.01); **F04D 17/08** (2006.01); **F04D 29/28** (2006.01); **F04D 29/42** (2006.01); **F04D 29/60** (2006.01); **F04D 29/66** (2006.01); **F24F 1/0007** (2019.01); **F24F 1/0033** (2019.01); **F24F 1/0047** (2019.01); **F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 7/007** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP KR US)
F04D 17/04 (2013.01 - EP); **F04D 17/08** (2013.01 - KR); **F04D 29/422** (2013.01 - EP); **F04D 29/4226** (2013.01 - EP); **F04D 29/44** (2013.01 - KR); **F04D 29/441** (2013.01 - EP); **F04D 29/602** (2013.01 - EP); **F04D 29/66** (2013.01 - KR); **F24F 1/00** (2013.01 - KR); **F24F 1/0022** (2013.01 - EP US); **F24F 1/0033** (2013.01 - EP); **F24F 1/0047** (2019.01 - EP); **F24F 1/0057** (2019.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24F 7/007** (2013.01 - EP); **F24F 13/24** (2013.01 - EP); **F05D 2250/52** (2013.01 - EP)

Cited by
US11274678B2; US11067095B2

Designated contracting state (EPC)
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