

Title (en)  
Scirocco fan and air-conditioning apparatus

Title (de)  
Scirocco-Lüfter und Klimaanlagevorrichtung

Title (fr)  
Ventilateur sirocco et appareil de climatisation

Publication  
**EP 2757269 B1 20190904 (EN)**

Application  
**EP 14164774 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  
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**EP 2128451 A1 20091202**; **EP 2128451 A4 20140115**; **EP 2128451 B1 20170419**; AU 2008236109 A1 20081016; AU 2008236109 B2 201110127; AU 2008236109 C1 20111013; CN 101595310 A 20091202; CN 101595310 B 20130918; EP 2757268 A2 20140723; EP 2757268 A3 20161116; EP 2757268 B1 20190807; EP 2757269 A2 20140723; EP 2757269 A3 20161116; EP 2757269 B1 20190904; ES 2625932 T3 20170721; ES 2744990 T3 20200227; ES 2749113 T3 20200319; HK 1135160 A1 20100528; JP 2008240612 A 20081009; JP 4906555 B2 20120328; KR 101179805 B1 20120904; KR 20090088440 A 20090819; TW 200916663 A 20090416; TW I352780 B 20111121; WO 2008123208 A1 20081016

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