

Title (en)  
Air conditioner

Title (de)  
Klimaanlage

Title (fr)  
Climatiseur

Publication  
**EP 1930663 B1 20170816 (EN)**

Application  
**EP 07023472 A 20071204**

Priority  
JP 2006332084 A 20061208

Abstract (en)  
[origin: EP1930663A2] The present invention is to define a size of an indoor unit for air conditioner in consideration of an installation space of an air conditioner in houses in recent years, and to realize a high energy-saving performance (under APF standard) with dimensional constraint, by a shape and a structure of an indoor unit. The air conditioner includes a wall-hung type indoor unit, wherein the indoor unit including a case having a suction opening either at an upper surface or a front surface, or at the upper surface and the front surface, and a blowout opening at a lower surface, and a cross flow fan which sends air suctioned from the suction opening into the case to a blowout opening through an indoor heat exchanger, has a horizontal width of up to 800 mm, and a height of up to 295 mm, a diameter of the cross flow fan is not less than 100 mm but not more than 115 mm, and a number of stages in the indoor heat exchanger is not less than 16.

IPC 8 full level  
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CPC (source: EP US)  
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**F24F 13/20** (2013.01 - EP); **F24F 11/46** (2017.12 - EP)

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EP 1632725 A1 20060308 - MITSUBISHI ELECTRIC CORP [JP]

Cited by  
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