

Title (en)

Apparatus for redirecting an air flow and air conditioner having the same

Title (de)

Vorrichtung zum Umlenken eines Luftstroms und Klimaanlage mit dieser Vorrichtung

Title (fr)

Appareil pour le réorientation de un flux d'air et conditionneur d'air comprenant un tel appareil

Publication

EP 1772678 A1 20070411 (EN)

Application

EP 06020839 A 20061004

Priority

KR 20050093602 A 20051005

Abstract (en)

An air conditioner, especially to an apparatus for redirecting wind in an indoor unit of the air conditioner is disclosed. A scroll guide provided so as to form an air duct at the circumference of a centrifugal fan for sucking and discharging the interior air so that the interior air can pass through a heat exchanger is installed in a rotation controllable state. Wind direction patterns can be regulated in various states by rotating the scroll guide by a predetermined angle and converting the setting position of an air discharge opening according to the operation mode. The degree of freedom relative to wind redirection of the discharge air can be improved by a variable air duct and the product efficiency and the reliability can be improved through improvement of the wind amount efficiency and reduction of noise.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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