

Title (en)
Air Conditioner and Control Method thereof

Title (de)
Klimaanlage und Betriebsverfahren dafür

Title (fr)
Climatiseur et son procédé de fonctionnement

Publication
EP 1985936 B1 20110126 (EN)

Application
EP 08153504 A 20080328

Priority
KR 20070041206 A 20070427

Abstract (en)
[origin: EP1985936A1] An air conditioner and a control method thereof are disclosed. The air conditioner includes a distance detection unit which detects a distance to an obstacle in an indoor space, a temperature detection unit which detects a space temperature of the indoor space, a rotation unit which rotates the distance detection unit and the temperature detection unit, and a controller which controls to detect distance information and temperature information according to space regions obtained by dividing the indoor space into a plurality of regions in a rotation direction while the distance detection unit and the temperature detection unit are rotated, to sequentially store the distance information and temperature information according to the space regions, and to determine whether there is a human body in a corresponding space region and a position of the human body based on a variation in the stored distance information and temperature information. Accordingly, it is possible to quickly and accurately distinguish an object from a human body, and also possible to quickly and accurately determine even a hardly moving body, thereby improving pleasantness of a human body by concentrating or removing cool air or warm air to or from the human body according to a user's preference.

IPC 8 full level
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