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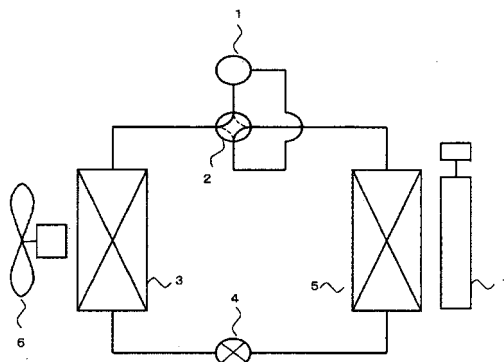
(54) **Air conditioner**

(57) 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 sur-

face, 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.

Fig. 1





EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search		Date of completion of the search	Examiner
Munich		1 February 2013	Mattias Grenbäck
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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