

FAN AND REFRIGERATION APPARATUS INCLUDING FAN

ABSTRACT

A fan with improved efficiency is provided. A first extending part (61) includes a first extending part end (611) overlapping with a bell mouth upstream side end (66) as seen in a radial direction (dr2), and extends along a rotation axis direction (dr1) on an inner side in a radial direction (dr2) relative to a bell mouth (65). The second extending part (62) includes a second extending part end (621) overlapping with the bell mouth (65) as seen in the rotation axis direction (dr1). The second extending part (62) is connected to the first extending part end (611) and extends along the radial direction (dr2) to reach a second extending part end (621). The second extending part end (621) overlaps with a virtual point (P1) which is reached by the bell mouth upstream side end (66) being linearly extended toward the upstream side along the rotation axis direction (dr1). The third extending part (63) is connected to the second extending part end (621) and extending along the radial direction (dr2) on the radially outer side (dr2) than the bell mouth upstream side end (66). A dimension (L1) (the length in the radial direction (dr2) of the third extending part (63)) is at least 0.5 times as great as a distance (D1) (the straight-line distance between the bell mouth upstream side end (66) and the virtual point (P1)).

Fig.10