

ABSTRACT

A centrifugal blower having a hub (2), to an axis section of which a rotating shaft (4a) of a motor (4) is
5 connected, and a blade wheel (1) provided with blades (3) that are stood on the outer periphery of the hub (2) at predetermined spacings in a circumferential direction and whose front edge (3a) is inclined forward in a rotation direction, wherein a bellmouth (5) having an air suction
10 opening (6) is provided on the air suction side of the blade wheel (1). A circulation flow f_2 is formed, in which the flow flows from the blowout side of the blade wheel (1) through the rear side of the air suction opening (6) in the bellmouth (5) to the blade wheel (1) into which the flow is
15 sucked again.