

ABSTRACT

PORTABLE FAN, DRIVE CIRCUIT OF PORTABLE FAN, AND HANDHELD FAN

A portable fan includes: an air duct portion, an airflow portion, a handheld portion. The air duct portion defines an air guiding cavity therein. The air duct portion defines an air outlet and an air inlet communicating to the air guiding cavity. A positioning protruding post is arranged inside the air duct portion. The airflow portion includes rotation air blades and a drive portion driveably connected to the rotation air blades. The rotation air blades are received in the air guiding cavity and are facing towards the air outlet; the drive portion includes a stator and a rotor sleeving the stator; the rotor is mounted on the rotation air blades and is coaxial with the rotation air blades. The handheld portion is connected to the air duct portion. The handheld portion defines a mounting cavity, a power supply assembly is received therein and electrically connected to the drive portion.

Figure 1-1