ABSTRACT

Provided is a rotor, and more particularly, a rotor with improved cooling efficiency. The rotor with an improved cooling structure in the present disclosure may change a motor rotor structure with no additional parts, and form a blade on its surface by using a magnetic fixation adhesive to thus increase a transfer speed of a cooling fluid, thereby increasing a convective heat transfer rate, may be applied to a water-cooled or air-cooled motor, thereby improving motor performance, and may adopt a relatively simple structure, such as eliminating an existing cooling part such as an oil pipe, thereby reducing its material and process costs.

FIG. 1