

CENTRIFUGAL IMPELLER AND PUMP APPARATUS

ABSTRACT

The centrifugal impeller includes a plurality of blades, a plurality of fluid paths for delivering a fluid from an impeller inlet to an impeller outlet, and a shroud and a hub for forming the fluid paths. Each of the fluid paths is formed between adjacent two of the blades. A curved line of the shroud curves so as to project toward the hub in a region from a blade inlet to a predetermined position of the blade, and the curved line curves so as to project toward the opposite side of the hub in a region from the predetermined position to a blade outlet.

Figure 3