

Impeller pumpAbstract

5 The present invention relates to an impeller pump having a housing (1), which has an inlet (2) and an outlet (3), and having an impeller wheel (4) with a plurality of elastic impeller blades (5), wherein the cross section of the inlet (2) and/or of the outlet (3) is substantially in the shape of a polygon on the side facing the housing interior, and to an impeller pump having a housing (1), which has an inlet (2) and an outlet (3), and having an impeller wheel (4), which is rotatable about an axis of rotation (D), with a plurality of elastic impeller blades (5), wherein the cross section of the inlet (2) and/or of the outlet (3) on the side facing the housing interior has a longitudinal extent (L) and a transverse extent (Q), wherein the length of the longitudinal extent (L) is greater than the length of the transverse extent (Q), and wherein the longitudinal extent (L) encloses an angle (α) with the axis of rotation (D).

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(Figure 3)