

Title (en)
IMPELLER FOR CENTRIFUGAL PUMPS

Title (de)
FLÜGELRAD FÜR ZENTRIFUGALPUMPEN

Title (fr)
HÉLICE POUR POMPES CENTRIFUGES

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Application
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Abstract (en)
[origin: WO2016153068A1] An impeller for centrifugal pumps has a first disk element, functionally arranged toward the inlet, which is coaxial to and faces a second disk element, which is functionally arranged toward the delivery and is connected rigidly to the first disk element by virtue of a series of angularly spaced vanes and is provided centrally with a means for fixing to a transmission shaft. The particularity of the present invention resides in that the impeller includes a series of openings formed in the substantially peripheral region of the second disk element, between pairs of adjacent vanes, substantially at the areas subjected to the greatest axial thrust.

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