

Title (en)
IMPELLER FOR CENTRIFUGAL PUMPS

Title (de)
FLÜGELRAD FÜR ZENTRIFUGALPUMPEN

Title (fr)
HÉLICE POUR POMPES CENTRIFUGES

Publication
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Application
EP 16768970 A 20160318

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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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Citation (search report)
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• [X] US 3541607 A 19701117 - GREENE ROBERT RAYMOND
• [X] US 3944406 A 19760316 - JAGUSCH LEONHARD, et al
• See references of WO 2016153068A1

Designated contracting state (EPC)
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JP 2018508701 A 20180329; JP 6676651 B2 20200408; KR 102491363 B1 20230126; KR 20170129822 A 20171127; MY 193271 A 20220929;
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