

Title (en)  
IMPELLER FOR CENTRIFUGAL PUMPS

Title (de)  
FLÜGELRAD FÜR ZENTRIFUGALPUMPEN

Title (fr)  
HÉLICE POUR POMPES CENTRIFUGES

Publication  
**EP 3271587 B1 20230712 (EN)**

Application  
**EP 16768970 A 20160318**

Priority  
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• JP 2016059789 W 20160318

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.

IPC 8 full level  
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• FR 526862 A 19211015 - WALTER HAYHURST [GB]  
• WO 2010110937 A1 20100930 - WOODWARD GOVERNOR CO [US], et al

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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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