

Title (en)

AN IMPELLER FOR A CENTRIFUGAL PUMP, A CENTRIFUGAL PUMP AND A USE THEREOF

Title (de)

FLÜGELRAD FÜR EINE ZENTRIFUGALPUMPE, ZENTRIFUGALPUMPE UND VERWENDUNG DAVON

Title (fr)

ROTOR POUR POMPE CENTRIFUGE, POMPE CENTRIFUGE ET UTILISATION DE CELLE-CI

Publication

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Application

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Abstract (en)

The present invention relates to an impeller (40) for a centrifugal pump, a centrifugal pump and a use thereof. The present invention relates especially to a novel closed impeller (40) structure for a centrifugal pump. The impeller (40) is characterized by pump-out vanes (48) on the rear shroud and pump-out vanes (50) on the front shroud (44). The front pump-out vanes (50) are dimensioned according to a specific formula. The centrifugal pump utilizing the impeller (40) of the present invention is suitable for pumping both clean liquids and solids-containing liquids like for instance fibrous suspensions of pulp and paper or board industry.

IPC 8 full level

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Citation (applicant)

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