

Title (en)

A CENTRIFUGAL PUMP WITH BALANCING MEANS, A BALANCING DISC AND A METHOD OF BALANCING AXIAL FORCES OF THE CENTRIFUGAL PUMP

Title (de)

KREISELPUMPE MIT AUSGLEICHSMITTEL, AUSGLEICHSSCHEIBE UND VERFAHREN ZUM AUSGLEICHEN VON AXIALKRÄFTEN DER KREISELPUMPE

Title (fr)

POMPE CENTRIFUGE COMPORTANT DES MOYENS D'ÉQUILIBRAGE, DISQUE D'ÉQUILIBRAGE ET PROCÉDÉ D'ÉQUILIBRAGE DES FORCES AXIALES DE LA POMPE CENTRIFUGE

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Application

EP 18161862 A 20180314

Priority

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Abstract (en)

The present invention relates to single- or multi-stage centrifugal pumps having novel disc- type means for balancing the axial forces of the pump. The disc-type balancing means are provided with two permanent magnets (60, 62') facing one another and fastened to the balancing disc (54) and its counter member (56).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

US 5613831 A 19970325 - LIEGAT SIEGFRIED [DE]

Citation (search report)

- [X] DE 3802950 A1 19890810 - KLEIN SCHANZLIN & BECKER AG [DE]
- [A] DE 102010041234 A1 20120329 - BOSCH GMBH ROBERT [DE]

Cited by

CN117722368A

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