

Title (en)  
CENTRIFUGAL PUMP HAVING INLET FINS

Title (de)  
KREISELPUMPE MIT EINLAUFRIPPEN

Title (fr)  
POMPE CENTRIFUGE PRÉSENTANT DES AILETTES D'ENTRÉE

Publication  
**EP 4305317 A1 20240117 (DE)**

Application  
**EP 22711543 A 20220309**

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Abstract (en)  
[origin: WO2022189489A1] The invention relates to a centrifugal pump assembly, comprising a hydraulic housing, which has an inlet opening for taking a conveyed medium in and an outlet opening for discharging the conveyed medium, wherein at least two inlet fins having an end facing the conveyed flow flowing into the inlet opening and an end facing away from the conveyed flow are provided in the inlet opening. According to the invention, the thickness profile (17) of the at least two inlet fins (7) changes from the end (15) facing the conveyed flow (Fs) to the end (16) facing away from the conveyed flow.

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