

Title (en)
CENTRIFUGAL PUMP

Title (de)
ZENTRIFUGALPUMPE

Title (fr)
POMPE CENTRIFUGE

Publication
EP 4283137 A1 20231129 (EN)

Application
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Priority
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Abstract (en)
The present invention relates to a centrifugal pump (1) with semi-open impeller (2) having a back plate (3), a number of blades (4) provided onto the back plate (3), and a front shroud (5, 7) arranged upstream of the impeller (2) at a defined distance above the blades (4), wherein onto the face of the front shroud (5, 6) directed towards the blades (4) a number of macroscopic grooves (5, 7) is provided for improved mixing and transport of gas-liquid two-phase flows.

IPC 8 full level
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