

Title (en)  
SELF-PRIMING CENTRIFUGAL PUMP

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**EP 0286954 B1 19921209 (DE)**

Application  
**EP 88105434 A 19880406**

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Abstract (en)  
[origin: US4844687A] The invention is directed to a selfpriming centrifugal pump having a symmetrical annular guide channel with a centrally mounted cover disc. A pair of guide ribs improve the loading of the impeller and increase the capacity for drawing air by suction. The guide rib pair is mounted in the annular guide channel. Each guide rib includes an injection rib and a separation rib. The ribs preferably have a width corresponding to the width of the annular guide channel and are arranged on a secant drawn through the circular peripheral band defined by the outer tips of the vanes of the impeller as the latter rotates.

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IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
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