

Title (en)
FEED PUMP

Title (de)
FÖRDERPUMPE

Title (fr)
POMPE D'ALIMENTATION

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Application
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Abstract (en)
[origin: WO0171192A1] The invention relates to a feed pump, which is designed as a side channel pump or peripheral pump, comprising two rings of vanes (13, 14) which are placed in an impeller (4) and which encircle in a concentric manner with regard to one another. According to the invention, angles alpha 2 - alpha 3 of the vanes (13, 14) of the radially outer ring to the normals are larger than angles alpha 1 of the vanes (13, 14) of the radially inner ring. To this end, the impeller (4) can be manufactured inside an injection mold in a particularly economical manner.

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