

Title (en)
FLUID PUMP

Title (de)
FLÜSSIGKEITSPUMPE

Title (fr)
POMPE A LIQUIDE

Publication
EP 0772743 A1 19970514 (DE)

Application
EP 96900268 A 19960111

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Abstract (en)
[origin: US5785490A] PCT No. PCT/DE96/00028 Sec. 371 Date Oct. 11, 1996 Sec. 102(e) Date Oct. 11, 1996 PCT Filed Jan. 11, 1996 PCT Pub. No. WO96/24770 PCT Pub. Date Aug. 15, 1996The fluid pump has a pump impeller provided with vanes and driven to revolve in a pump chamber that is defined by one wall portion each in the direction of the rotary axis of the pump impeller. In both wall portions, toward the pump impeller, there is an annular supply conduit and an outlet opening that discharges into one supply conduit. The outlet opening is defined in the rotational direction of the pump impeller by a wall which comes to an end in the form of an edge of the end face of the wall portion. The edge has an inner portion, which is inclined in the rotational direction relative to the rotary axis with respect to an imaginary radial arrangement. The inner edge portion is adjoined by an outer edge portion, which relative to an imaginary rectilinear lengthening of the inner edge portion extends farther in the rotational direction. As a result of this embodiment, an improved outflow from the supply conduit through the outlet opening has been obtained.

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IPC 8 full level
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US 5785490 A 19980728; BR 9605306 A 19971007; CN 1071421 C 20010919; CN 1146795 A 19970402; DE 19504564 A1 19960814; DE 59604876 D1 20000511; EP 0772743 A1 19970514; EP 0772743 B1 20000405; JP 3734506 B2 20060111; JP H09512323 A 19971209; KR 100382682 B1 20031004; KR 970702437 A 19970513; WO 9624770 A1 19960815

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