

Title (en)
Diffuser for a rotatory pump

Title (de)
Kreiselpumpen-Leitrad

Title (fr)
Diffuseur pour une pompe rotatoire

Publication
EP 1520992 B1 20060621 (DE)

Application
EP 04020975 A 20040903

Priority
DE 10346058 A 20031004

Abstract (en)
[origin: EP1520992A2] The circulating pump has a stator (2) located on the pressure side of a rotor. The stator vanes (7) are designed as sheet metal preformed parts, whereby the stator vane blanks are constructed as a development of a conical generated surface and the formed stator vanes are cut-outs of this conical generated surface. A vane side edge located on a smaller radius of the cone (9) forms the free vane inner edge (12) lying next to the rotor's rotational axis.

IPC 8 full level
F04D 29/44 (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP)
F04D 29/448 (2013.01)

Cited by
CN105756956A

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DOCDB simple family (publication)
EP 1520992 A2 20050406; EP 1520992 A3 20050727; EP 1520992 B1 20060621; AT E331143 T1 20060715; DE 10346058 A1 20050421; DE 502004000817 D1 20060803

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