

Title (en)
LIQUID-DISPLACEMENT MACHINE

Publication
EP 0346677 B1 19920506 (DE)

Application
EP 89109759 A 19890530

Priority
DE 3820062 A 19880613

Abstract (en)
[origin: WO8912755A1] A turbine which delivers a solids-containing medium has a cavity (10) downstream of an impeller (2), which accommodates a shaft seal (7). An annular element (12) inside the cavity (10) protects the latter from wear due to erosion.

IPC 1-7
F04D 7/04; **F04D 29/12**; **F04D 29/42**

IPC 8 full level
F04D 29/12 (2006.01); **F04D 7/04** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)
F04D 7/04 (2013.01 - EP US); **F04D 29/126** (2013.01 - EP US); **F04D 29/426** (2013.01 - EP US)

Cited by
FR2904038A1; DE4431947A1; US5984629A; EP2520804A4; US7841187B2

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AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
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