

Title (en)

Liquid ring machine

Title (de)

Flüssigkeitsringmaschine

Title (fr)

Machine à anneau liquide

Publication

EP 0742371 A3 19970723 (DE)

Application

EP 96106551 A 19960425

Priority

DE 19516836 A 19950508

Abstract (en)

[origin: EP0742371A2] The machine has a machine housing (1) with a circular inner cross-section, closed by end plates (2) at each axial end. At least one of the shields has a control disc (3), for eccentrically supporting a rotor wheel (5) relative to the inner contour of the machine housing. The machine housing can pivot about a point offset from the machine axis (8) relative to the end plate or control disc, to alter its position relative to the rotor wheel, for optimising the machine operation by adjusting the required pivot position.

IPC 1-7

F04C 19/00

IPC 8 full level

F04C 29/00 (2006.01); **F01C 21/10** (2006.01); **F04C 7/00** (2006.01); **F04C 19/00** (2006.01)

CPC (source: EP US)

F01C 21/102 (2013.01 - EP US); **F04C 19/00** (2013.01 - EP US)

Citation (search report)

- [A] DE 335674 C 19210409 - ALFRED BARBEZAT
- [A] DE 8908757 U1 19890921
- [A] US 1584207 A 19260511 - BELL FRED C

Cited by

DE19758340A1; US6551071B1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0742371 A2 19961113; **EP 0742371 A3 19970723**; **EP 0742371 B1 19991006**; AT E185404 T1 19991015; CN 1065323 C 20010502; CN 1135579 A 19961113; DE 59603262 D1 19991111; FI 961950 A0 19960508; FI 961950 A 19961109; JP 3351680 B2 20021203; JP H08303358 A 19961119; US 5647728 A 19970715

DOCDB simple family (application)

EP 96106551 A 19960425; AT 96106551 T 19960425; CN 96101349 A 19960131; DE 59603262 T 19960425; FI 961950 A 19960508; JP 13586296 A 19960502; US 64616796 A 19960507