

Title (en)
LIQUID RING PUMP WITH MAGNETIC COUPLING

Publication
EP 0467011 B1 19930512 (DE)

Application
EP 91102360 A 19910219

Priority
DE 3934720 A 19891018

Abstract (en)
[origin: EP0467011A1] A liquid ring gas pump which consists of a pump section (1) and a drive section (6) has operating, cooling and lubricating fluid fed to it from a point (12) in a chamber (11) remote from the shaft, which chamber is partially defined by rotating parts (4, 8). The creation of a rotating liquid ring which might impede the fluid feed is counteracted by a flow disturbance device (15) arranged in the chamber, which device may be designed as a fin or housing projection running longitudinally or radially. <IMAGE>

IPC 1-7
F04C 29/00

IPC 8 full level
F04C 15/00 (2006.01); **F04C 19/00** (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)
F04C 15/0096 (2013.01); **F04C 19/004** (2013.01); **F04C 23/008** (2013.01)

Cited by
CN108397399A; US5569024A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0467011 A1 19920122; EP 0467011 B1 19930512; AT E89371 T1 19930515; DE 3934720 A1 19910425; DE 3934720 C2 19920507; DE 59100107 D1 19930617; ES 2042317 T3 19931201

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EP 91102360 A 19910219; AT 91102360 T 19910219; DE 3934720 A 19891018; DE 59100107 T 19910219; ES 91102360 T 19910219