

Title (en)
ANNULAR ELASTOMERIC SLURRY SEAL

Publication
EP 0328568 A4 19910814 (EN)

Application
EP 88905607 A 19880629

Priority
AU PI297787 A 19870708

Abstract (en)
[origin: WO8900247A1] A rotary mechanical seal for a rotating shaft passing into a pressure vessel, the seal having stationary and rotating seal rings (12) with at least one of the rings (12) supported in an axially biased holder (9), characterised by an elastomeric annular member (11) held in a groove, which groove is so designed as to obviate clogging or crystallising in the gap between the seal face holder (9) and the housing (10). Preferably, the groove has a protrusion located on its outer edge which has sloped inner and outer faces to co-operate with the annular elastomeric member (11) so that the member (11) protrudes past or is flush with the edge.

IPC 1-7
F04D 29/12; **F16J 15/34**

IPC 8 full level
F04D 29/12 (2006.01); **F16J 15/34** (2006.01); **F16J 15/38** (2006.01)

CPC (source: EP)
F04D 29/126 (2013.01); **F16J 15/344** (2013.01); **F16J 15/38** (2013.01)

Citation (search report)

- [X] DE 3141512 A1 19830505 - GOETZE AG [DE]
- [A] DE 3446542 A1 19860710 - GOETZE AG [DE]
- [A] EP 0192615 A2 19860827 - SELVATICI FRANCO
- See references of WO 8900247A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 8900247 A1 19890112; AU 1990488 A 19890130; AU 612384 B2 19910711; EP 0328568 A1 19890823; EP 0328568 A4 19910814

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