

Title (en)
Pump for shear sensitive material

Title (de)
Pumpe für scherempfindliche Fluide

Title (fr)
Pompe pour fluides sensibles au cisaillement

Publication
EP 0898077 A1 19990224 (EN)

Application
EP 98306642 A 19980819

Priority
GB 9717564 A 19970820

Abstract (en)
A pump for pumping shear sensitive material, has a housing (10) with an internal displacement chamber (42), an inlet (20), an outlet (22), a displacement rod (16) which passes sealingly and reciprocally into the displacement chamber through an aperture in the wall of the pump housing and first seal means (18) surrounding the displacement rod partially defining the displacement chamber. The pump also has an annular volume (V) surrounding the displacement rod on the opposite side of the first seal means (18) from the displacement chamber, the annular volume communicating with the exterior of the housing. <IMAGE>

IPC 1-7
F04B 53/16

IPC 8 full level
F04B 53/16 (2006.01)

CPC (source: EP)
F04B 53/164 (2013.01)

Citation (applicant)
EP 0677658 A1 19951018 - HYDRAIR LTD [GB]

Citation (search report)
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