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(71) Applicant (for all designated States except US): **WATSON-MARLOW GMBH** [DE/DE]; MasoSine Division, Steinbeisstr. 3, 74360 Ilsfeld (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FROMM, Ulrich** [DE/DE]; c/o Watson-Marlow GmbH, MasoSine Division, Steinbeisstr. 3, 74360 Ilsfeld (DE). **WILL, Sven-Eric** [DE/DE]; c/o Watson-Marlow GmbH, MasoSine Division, Steinbeisstr. 3, 74360 Ilsfeld (DE).

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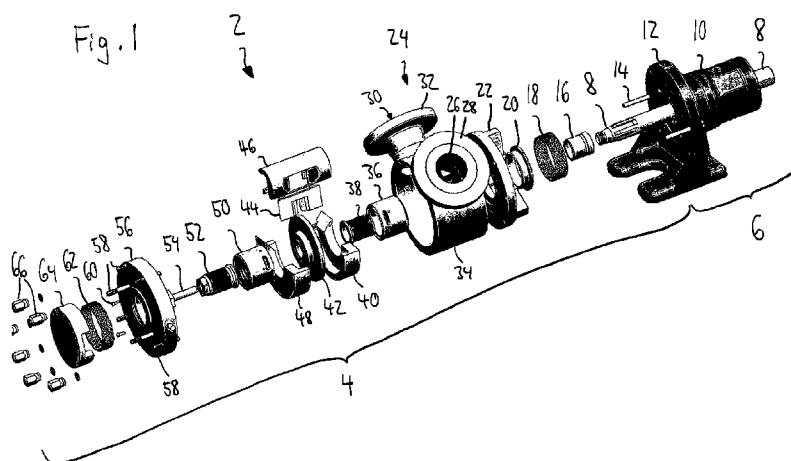
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(74) Agent: **KSNH PATENTANWÄLTE KLUNKER.SCHMITT-NILSON.HIRSCH;** Destouchesstraße 68, 80796 München (DE).

(54) Title: ROTARY DISPLACEMENT PUMP FOR PUMPING SOLIDS EMULSIONS, ESPECIALLY LIQUID EXPLOSIVES



(57) Abstract: A rotary displacement pump of an undulatory disk type; with a pump housing (24) comprising a front end plate (56) and a rear end plate, the pump housing enclosing a stator (40, 48), a rotor (42), a scraper (44) and a scraper guide (46), a shaft (8) extending through at least the rear end plate; the stator including a generally semi-circular arc-formed first stator member (40) and a generally semi-circular arc-formed second stator member (48), the stator, the pump housing and the scraper together with the scraper guide defining an inlet and outlet chamber, wherein at least part of the end faces of the first and second stator members being situated in the outlet chamber are oblique so as to provide an obtuse-angled transition to the inner faces of the front end plate and the rear end plate.