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(54) Title: OFFSET VALVE BORE IN A RECIPROCATING PUMP

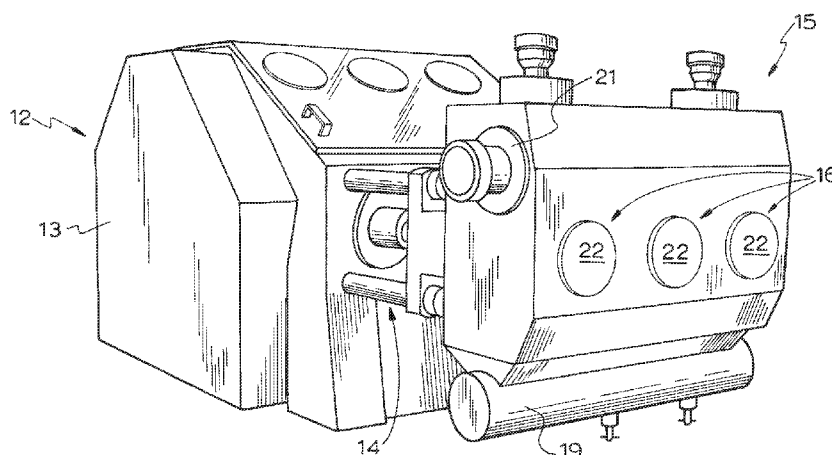


FIG. 1B

(57) Abstract: A fluid end (15) for a multiple reciprocating pump assembly (12) comprises at least three plunger bores (61) or (91) each for receiving a reciprocating plunger (35), each plunger bore having a plunger bore axis (65) or (95). Plunger bores being arranged across the fluid head to define a central plunger bore and lateral plunger bores located on either side of the central plunger bore. Fluid end (15) has suction valve bores (59) or (89), each suction valve bore receiving a suction valve (41) and having a suction valve bore axis (63) or (93). Discharge valve bores (57) or (87), each discharge valve bore receiving a discharge valve (43) and having a discharge valve bore axis (63) or (93). The axes of at least one of suction and discharge valve bores is inwardly offset in the fluid end from its respective plunger bore axis.

