

Title (en)
Reciprocating pump

Title (de)
KOLBENPUMPE

Title (fr)
POMPE À PISTON

Publication
EP 2381108 B1 20130612 (EN)

Application
EP 11163607 A 20110422

Priority
IT PD20100127 A 20100422

Abstract (en)
[origin: EP2381108A2] Reciprocating pump (1) comprising a head (3) provided with a shaped body (4) incorporating one main chamber (7), a suction conduit (9) and an outlet conduit (10), the shaped body (4) is provided with an inner face (5) mechanically connected to the pump body (2), and an outer face (8) facing the opposite direction with respect to the inner face (5) and closed by a closing cover (25). Each head (3) comprises a first check valve (12), housed in a first seat (11) in the shaped body (4) intercepting the suction conduit (9), and a second check valve (14), housed in a second seat (13) in the shaped body (4) intercepting the outlet conduit (10). The first and second seat (11,13) are respectively provided with a first and second opening (16,17) obtained on the outer face (8) of the shaped body (4), through which the first and second check valve (12,14) are accessible respectively in the first seat (11) and in the second seat (13). Each head (3) further comprises a valve cover (18) fixed on the outer face (8) of the shaped body (4), interposed between the outer face (8) and the closing cover (25). The valve cover (18) abuts against the first and second check valve (12,14) for holding them respectively locked in the first and second seat (11,13).

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