

Title (en)
TWO-CYLINDER CONCRETE PUMP

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Application
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Abstract (en)
[origin: CA1158920A] This invention comprises a two-cylinder viscous material pump, the parallel axis, conveying cylinders of which, that are preferably mounted in a frame work, alternately suck in a pasty to pulpy viscous material through an inlet valve housing common to them and connecting them with a reservoir or delivery conduit and press out, in the respective following stroke, through a thereon connected outlet valve housing into a pressure conduit, whereby in each valve housing, a pressure controlled valve with a valve drive cylinder is provided for each conveying cylinder, and the inlet and outlet valve drive cylinders are in each case, arranged axis parallel, characterized in that the conveying cylinders as well as the inlet and outlet valve drive cylinders are arranged one above the other and the reservoir or the inlet conduit is mounted laterally on the inlet valve housing with a suction bend.

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