Title (en)

TWO-CYLINDER CONCRETE PUMP

Publication

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Application

EP 81104485 A 19810611

Priority

DE 3024139 A 19800627

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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F04B 15/02; F04B 7/00

IPC 8 full level

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EP 0043011 A1 19820106; **EP 0043011 B1 19830525**; **EP 0043011 B2 19881102**; AT E3578 T1 19830615; BR 8104044 A 19820316; CA 1158920 A 19831220; CS 229641 B2 19840618; DE 3024139 A1 19820121; DE 3024139 C2 19860410; GR 74505 B 19840628; HU 185265 B 19841228; JP S5732081 A 19820220; JP S6323390 B2 19880516; MX 153573 A 19861124; SU 1195920 A3 19851130; US 4437817 A 19840320; ZA 81762 B 19820331

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