

Title (en)

METHOD AND APPARATUS FOR THE OPERATION OF LIQUID FLOW MACHINES

Publication

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Application

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Priority

DE 3545101 A 19851219

Abstract (en)

[origin: US4842486A] An apparatus for improving the operating efficiency of a liquid-flow machine comprises a sensor for measuring the liquid throughput of the liquid-flow machine and a dosing device for controlling, in response to the measured throughput, the amount of a friction-reducing agent added to inflowing working fluid. The friction reducing agent preferably consists of macromolecular bodies such as polyacrylamides or tensides. Inorganic fiber is also possible as an additive for reducing friction in the liquid-flow machine.

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F04C 19/00; F17D 1/17

IPC 8 full level

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US 92467886 A 19861029; AT 86117072 T 19861208; CA 525528 A 19861217; DE 3545101 A 19851219; DE 3663731 T 19861208; EP 86117072 A 19861208; IN 772CA1986 A 19861022; JP 30111586 A 19861217