

Title (en)
METHOD FOR REGULATING CAVITATION

Publication
EP 0194474 A3 19890308 (DE)

Application
EP 86102057 A 19860218

Priority
DE 3509072 A 19850314

Abstract (en)
[origin: EP0194474A2] During the delivery or transport of liquids and/or gases by means of delivery units, a minimum residual cavitation by means of a regulating circuit is deliberately permitted. The cavitation is measured with the aid of a pressure sensor which transmits a voltage corresponding to the cavitation to a microprocessor. The latter controls the speed of the delivery unit used in such a way that a minimum residual cavitation is retained. <IMAGE>

IPC 1-7
F04D 15/02; F17D 1/20; F17D 1/07

IPC 8 full level
F04B 11/00 (2006.01); **F04B 49/10** (2006.01); **F04D 15/00** (2006.01); **F04D 15/02** (2006.01); **F04D 29/66** (2006.01); **F17D 1/07** (2006.01); **F17D 1/20** (2006.01)

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Citation (search report)

- [AD] DE 3236815 A1 19840405 - METZGER KLAUS DIPL ING FH
- [A] EP 0107572 A1 19840502 - SNECMA [FR]
- [A] EP 0171094 A1 19860212 - CERAC INST SA [CH]
- [A] CH 528076 A 19720915 - LIST HANS [AT]
- [A] PATENT ABSTRACTS OF JAPAN, Band 8, Nr. 37 (M-277)[1474], 17. Februar 1984; & JP-A-58 192 983 (MITSUBISHI JUKOGYO K.K.) 10-11-1983
- [A] MACHINE DESIGN, Band 50, Nr. 5, 9. März 1978, Seiten 97-99; Z. ZAHID: "Suction accumulators boost pump life"

Cited by
CN109681474A; CN110985449A; EP0964158A3; EP0947755A3; CN110307469A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0194474 A2 19860917; **EP 0194474 A3 19890308**; **EP 0194474 B1 19931027**; AT E96505 T1 19931115; AU 5471386 A 19860918; CN 86101484 A 19870107; DE 3509072 A1 19860925; DE 3509072 C2 19870625; DE 3689199 D1 19931202; DK 107386 A 19860915; DK 107386 D0 19860310; FI 861033 A0 19860313; FI 861033 A 19860915; JP S61283779 A 19861213; ZA 861395 B 19861126

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