

Title (en)

AN IMPROVED MAGNETIC-FIELD AMPLIFIER

Publication

EP 0462103 A4 19920715 (EN)

Application

EP 89909300 A 19890307

Priority

US 8900891 W 19890307

Abstract (en)

[origin: WO9010598A1] An improved magnetic-field amplifier (10) consisting of a magnetic amplifying assembly (12) that generates a pair of magnetic loops (A, B) that are summed at two ferromagnetic pole members (20, 22) to produce a composite magnetic field. The magnetic amplifying assembly (12) is disclosed in two configurations: an externally mounted unit and an annular, inline mounted unit. Either the externally or annular inline mounted units may be attached to a fluid conduit (60) to remove contaminants from the fluid. A form of the externally mounted unit may also be attached circumferentially to a motor or generator housing from where the composite magnetic field is used to operate the armature (33). The magnetic amplifying assembly is also adaptable to other magnetically operated devices that can benefit from an increased magnetic field.

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C02F 1/48

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents have been disclosed.
- See references of WO 9010598A1

Designated contracting state (EPC)

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