

[54] **FLUID POLLUTION MONITORING APPARATUS AND METHOD**

2,966,056	12/1960	Heller	73/61 X
3,359,788	12/1967	Colvin	73/67.1 X
3,427,866	2/1969	Weighart	73/67.7

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[21] Appl. No.: **179,090**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 43,123, June 3, 1970, abandoned.

[57] **ABSTRACT**

[52] U.S. Cl. 73/67.1, 73/61 R, 73/67.7

A new and improved method and apparatus for monitoring fluids to determine the presence of pollutants in the fluid and further to identify the type and quantity of pollutants in the fluid by analysis of the acoustic impedance properties of the fluid.

[51] Int. Cl. **G01n 29/02**

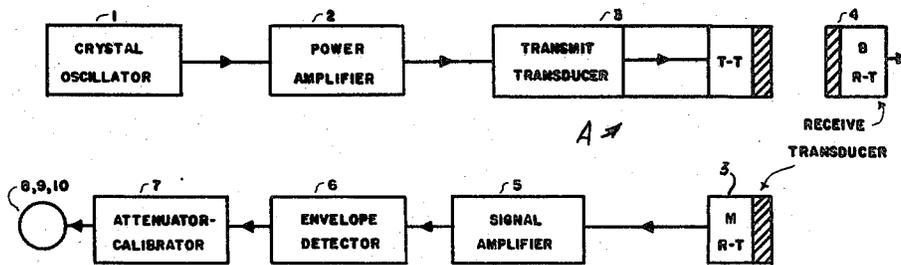
[58] Field of Search 73/67.1, 61, 61.1, 67.7

[56] **References Cited**

UNITED STATES PATENTS

3,359,787 12/1967 Zemanek 73/61.1 R

7 Claims, 6 Drawing Figures



MONOSTATIC (M) / BISTATIC (B) SIGNAL LEVEL MODE - (C.W./PULSE)