



US00RE35824E

United States Patent [19]

[11] E

Patent Number: Re. 35,824

Welker

[45] Reissued Date of Patent: Jun. 16, 1998

[54] FLUID SAMPLE APPARATUS FEATURING INTEGRAL CONSTRUCTION WITH A MOTOR DRIVEN SAMPLING SYSTEM

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[21] Appl. No.: 538,040

[22] Filed: Oct. 2, 1995

Related U.S. Patent Documents

Reissue of:

[64] Patent No.:	4,928,536
Issued:	May 29, 1990
Appl. No.:	418,522
Filed:	Oct. 10, 1989

U.S. Applications:

[63] Continuation of Ser. No. 336,830, Nov. 9, 1994, abandoned.

[51] Int. Cl.⁶ G01N 1/14

[52] U.S. Cl. 73/863.83

[58] Field of Search 73/863.51, 863.52, 73/863.81, 864.34, 863.83

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[57] ABSTRACT

A fluid motor integrally constructed on an elongate body enables periodic fluid sampling. This device affixes to a pipeline by a threaded connection which positions an inlet in the pipeline for sample removal; the sample flows to a sample bite removal valve which is motor operated to obtain periodic simple bits. Pressure step up or down is achieved in a sample pressure isolation system having a check valve function. This enables storage at any pressure.

21 Claims, 2 Drawing Sheets

