

Title (en)
MAGNETO-INDUCTIVE FLOW RATE METER

Title (de)
MAGNETISCH-INDUKTIVES DURCHFLUSSMESSGERÄT

Title (fr)
DEBITMETRE A INDUCTION MAGNETIQUE

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Application
EP 06755156 A 20060511

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Abstract (en)
[origin: WO2007020111A1] The invention relates to a magneto-inductive flow rate meter (1) supplying information on a medium (11) electric conductivity in addition to flow rate information. The aim of said invention is to develop a magneto-inductive flow rate meter for measuring the electric conductivity with a high-accuracy. For this purpose, the inventive magneto-inductive flow rate meter (1) is provided with a temperature measuring unit (17) supplying information about the medium (11) temperature (T). By using the measured temperature (T), an adjustment/evaluation unit (8) determines the electric conductivity (s(T)) correction value and supplies the electric conductivity (s) value adjusted by means thereof.

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