

Title (en)
FLOW METERING DEVICE FOR TEMPERATURE DEPENDENT LIQUIDS

Title (de)
DURCHFLOSSMESSGERÄT FÜR TEMPERATURABHÄNGIGE FLUIDE

Title (fr)
DEBITMETRE POUR DES LIQUIDES DEPENDANT DE LA TEMPERATURE

Publication
EP 1281050 A2 20030205 (DE)

Application
EP 01933924 A 20010503

Priority
• DE 10022063 A 20000506
• EP 0104980 W 20010503

Abstract (en)
[origin: DE10022063A1] An electronic sensor (2) provided with a temperature sensor, measures fluid flow and the fluid temperature. Memories (4.1-4.4) store sensor calibration curves depending on the temperature-dependent properties such as Reynolds number, Prandtl number, Nusselt number of different fluids which are referred to by a calculator (5) for correcting the measured fluid flow rate. An Independent claim is also included for flow rate measurement method.

IPC 1-7
G01F 15/02

IPC 8 full level
G01F 15/02 (2006.01)

CPC (source: EP)
G01F 15/022 (2013.01)

Citation (search report)
See references of WO 0186234A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 10022063 A1 20011108; EP 1281050 A2 20030205; WO 0186234 A2 20011115; WO 0186234 A3 20020523

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