

Title (en)

DETECTION OF A FLUID LEAKAGE IN A CIRCUIT BY INTERCORRELATION

Title (de)

ENTDECKUNG EINES FLÜSSIGKEITSLECKS IN EINER SCHALTUNG DURCH INTERKORRELATION

Title (fr)

DETECTION D'UNE FUITE DE FLUIDE DANS UN CIRCUIT PAR INTERCORRELATION

Publication

**EP 1966580 A2 20080910 (FR)**

Application

**EP 06847154 A 20061228**

Priority

- FR 2006002896 W 20061228
- FR 0513405 A 20051228

Abstract (en)

[origin: FR2895508A1] The method involves detecting circulating fluid using inlet and outlet sensors e.g. electromagnetic flowmeters, which are positioned at an inlet and an outlet of a circuit, respectively, where the sensors deliver characteristics of measurement signals (Et, St) of fluid flow or flow variation. The signals are processed by calculating an intercorrelation function of the measurement signals for detecting a fluid leakage in the circuit. Independent claims are also included for the following: (1) an installation comprising a circuit (2) a program stored on a medium or memory for implementing a circuit controlling method.

IPC 8 full level

**G01M 3/28** (2006.01)

CPC (source: EP)

**G01M 3/243** (2013.01); **G01M 3/2807** (2013.01)

Citation (search report)

See references of WO 2007074244A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2895508 A1 20070629; FR 2895508 B1 20080307**; EP 1966580 A2 20080910; WO 2007074244 A2 20070705; WO 2007074244 A3 20070823

DOCDB simple family (application)

**FR 0513405 A 20051228**; EP 06847154 A 20061228; FR 2006002896 W 20061228