

Title (en)

METHOD AND DEVICE FOR MONITORING A FLOW OF FLUID DELIVERED BY A PUMP

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINES MITTELS EINER PUMPE GEFÖRDERTEN FLUIDSTROMES

Title (fr)

PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UN COURANT FLUIDIQUE REFOULE PAR UNE POMPE

Publication

EP 1759117 A1 20070307 (DE)

Application

EP 06724227 A 20060411

Priority

- EP 2006003299 W 20060411
- DE 102005017240 A 20050414

Abstract (en)

[origin: WO2006108606A1] The invention relates to a method and device for monitoring a flow of fluid delivered by a pump. The method is characterized in that the pressure course of the fluid is, at least in partial areas of the stroke of the pump, continuously or quasi-continuously measured as ACTUAL values and compared with SET values. The device is characterized by having at least one pressure sensor for continuously or quasi-continuously measuring the pressure of the fluid at least in partial areas of the stroke of the pump and by having a comparing device for comparing the measured ACTUAL values of the pressure with SET values.

IPC 8 full level

F04B 43/00 (2006.01); **F04B 51/00** (2006.01)

CPC (source: EP US)

F04B 13/00 (2013.01 - EP); **F04B 43/0072** (2013.01 - EP US); **F04B 51/00** (2013.01 - EP US); **F04B 2201/0201** (2013.01 - EP); **F04B 2205/03** (2013.01 - EP US)

Citation (search report)

See references of WO 2006108606A1

Cited by

DE102019219633A1

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2006108606 A1 20061019; DE 102005017240 A1 20061019; EP 1759117 A1 20070307; EP 1759117 B1 20131106; US 2008190176 A1 20080814; US 7726179 B2 20100601

DOCDB simple family (application)

EP 2006003299 W 20060411; DE 102005017240 A 20050414; EP 06724227 A 20060411; US 91137706 A 20060411