

Title (en)

Flow control for a peristaltic pump

Title (de)

Regelung der Fluidströmung in einer peristaltischen Pumpe

Title (fr)

Régulation du débit d'une pompe péristaltique

Publication

EP 1637738 A3 20060405 (DE)

Application

EP 05025638 A 20000628

Priority

EP 00113614 A 20000628

Abstract (en)

[origin: EP1167767A1] A pressure sensor (21') measuring the static pressure in the fluid pumped, produces a signal (x21) representing movements of the pump displacer. An electronic unit (22) evaluates the sensor signal. An independent claim is included for the method of monitoring the unit, in which an operational status signal is derived from the fluctuating pressure signal.

IPC 8 full level

F04B 49/06 (2006.01); **F04B 43/113** (2006.01)

CPC (source: EP)

F04B 43/1133 (2013.01); **F04B 49/065** (2013.01)

Citation (search report)

- [X] US 5935106 A 19990810 - OLSEN JAMES M [US]
- [DXY] WO 9831935 A1 19980723 - PHALLEN IVER J [US], et al
- [XY] US 5701646 A 19971230 - NABITY FREDERICK ALAN [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1167767 A1 20020102; EP 1167767 B1 20060614; AT E330122 T1 20060715; AT E425364 T1 20090315; CA 2350859 A1 20011228; CA 2350859 C 20061003; DE 50012987 D1 20060727; DE 50015594 D1 20090423; EP 1637738 A2 20060322; EP 1637738 A3 20060405; EP 1637738 B1 20090311; ES 2261123 T3 20061116; ES 2323878 T3 20090727

DOCDB simple family (application)

EP 00113614 A 20000628; AT 00113614 T 20000628; AT 05025638 T 20000628; CA 2350859 A 20010615; DE 50012987 T 20000628; DE 50015594 T 20000628; EP 05025638 A 20000628; ES 00113614 T 20000628; ES 05025638 T 20000628