

Publication

**EP 0549599 A4 19940202**

Application

**EP 91914337 A 19910716**

Priority

US 55370790 A 19900717

Abstract (en)

[origin: WO9201934A1] The blood testing apparatus includes a fluid flow control system (38) for moving a fluid containing blood cells through an electromagnetic field, and detecting the change in the electromagnetic field caused by the passing of the blood cell. The fluid flow control system includes a pump (40) and a series of valves (52, 70, 82), all controlled by a controller (43). The pump (40) draws the blood cells through the electromagnetic field. The size of the blood cell can be determined by the measurement of the value of the voltage change resulting from the passage of the blood cell through the electromagnetic field.

IPC 1-7

**G01N 33/48**

IPC 8 full level

**G01N 33/483** (2006.01); **G01N 15/12** (2006.01); **G01N 33/49** (2006.01); **G01N 33/50** (2006.01); **G01N 1/10** (2006.01); **G01N 15/00** (2006.01); **G01N 15/10** (2006.01)

CPC (source: EP)

**G01N 15/12** (2013.01); **G01N 33/5094** (2013.01); **G01N 1/10** (2013.01); **G01N 2015/011** (2024.01); **G01N 2015/1024** (2024.01)

Citation (search report)

- [PXPA] WO 9109138 A1 19910627 - PASULA MARK J [US]
- [A] EP 0348212 A2 19891227 - CA ATOMIC ENERGY LTD [CA]
- See also references of WO 9201934A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

**WO 9201934 A1 19920206**; AU 8419991 A 19920218; EP 0549599 A1 19930707; EP 0549599 A4 19940202; JP H06502486 A 19940317

DOCDB simple family (application)

**US 9105026 W 19910716**; AU 8419991 A 19910716; EP 91914337 A 19910716; JP 51372691 A 19910716