

Title (en)

MICRO BLOOD PRESSURE SENSOR AND MEASURING INSTRUMENT USING SAME

Title (de)

MIKRO-BLUTDRUCKSENSOR UND DIESEN VERWENDENDES MESSINSTRUMENT

Title (fr)

MICROCAPTEUR DE PRESSION ARTERIELLE ET APPAREIL DE MESURE L'UTILISANT

Publication

**EP 1596713 A1 20051123 (FR)**

Application

**EP 04713570 A 20040223**

Priority

- FR 2004050073 W 20040223
- FR 0302342 A 20030226

Abstract (en)

[origin: FR2851449A1] The micro sensor has a maintaining and positioning unit for positioning a pellet (10) on a gloved finger (11) of a practitioner. The pellet is made of a piezo resistant material and has dimensions smaller than the diameter of an artery whose pressure has to be measured. Electrical conductors (12) transmit an electrical signal supplied by the pellet in response to the pressure subjected to the pellet. An independent claim is also included for an apparatus of measuring an arterial rigidity using a micro sensor.

IPC 1-7

**A61B 5/021**

IPC 8 full level

**A61B 5/021** (2006.01)

CPC (source: EP US)

**A61B 5/021** (2013.01 - EP US); **A61B 5/02125** (2013.01 - EP US); **A61B 5/6806** (2013.01 - EP US); **A61B 5/6826** (2013.01 - EP US); **A61B 5/6838** (2013.01 - EP US)

Citation (search report)

See references of WO 2004075744A1

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