

Title (en)
COMPOUND METAL ANALYTE SENSOR

Title (de)
ZUSAMMENGESETZTER METALLANALYT-SENSOR

Title (fr)
DETECTEUR D'ANALYTE EN METAL COMPOSITE

Publication
EP 1765148 A4 20080924 (EN)

Application
EP 04776794 A 20040616

Priority
US 2004019648 W 20040616

Abstract (en)
[origin: WO2005074810A1] A sensing element (12) adapted to, at least in part, be inserted into a mammalian body. The sensing element (12) is made up of a core of a structurally robust metal (24) and a plated portion made of an electrochemically active metal (26) conjoined to at least a portion of the core (24). This sensing element (12) may be used as part of a method for the continuous monitoring of an analyte within a mammalian body. The method includes inserting at least a portion of sensing element (12) into the mammalian body and measuring any electric current produced by at least of portion of the Sensor (12).

IPC 8 full level
A61B 5/00 (2006.01); **C12Q 1/00** (2006.01); **G01N 27/333** (2006.01)

CPC (source: EP)
A61B 5/14532 (2013.01); **A61B 5/14542** (2013.01); **A61B 5/14865** (2013.01); **A61B 2562/125** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2005074810A1

Citation (examination)
US 5165407 A 19921124 - WILSON GEORGE S [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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WO 2005074810 A1 20050818; CA 2570895 A1 20050818; CN 1988846 A 20070627; EP 1765148 A1 20070328; EP 1765148 A4 20080924; EP 2335566 A1 20110622; JP 2008502902 A 20080131; JP 4681606 B2 20110511

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US 2004019648 W 20040616; CA 2570895 A 20040616; CN 200480043601 A 20040616; EP 04776794 A 20040616; EP 11153393 A 20040616; JP 2007516453 A 20040616