

Title (en)

DEVICE FOR PREDICTION OF HUMAN OR OTHER MAMMALIAN LABOUR ONSET

Title (de)

VORRICHTUNG ZUR VORHERSAGE DER WEHEN BEIM MENSCHEN ODER ANDEREN SÄUGETIEREN

Title (fr)

DISPOSITIF DE PREVISION DU DECLENCHEMENT DE L'ACCOUCHEMENT CHEZ LA FEMME OU UN MAMMIFERE

Publication

**EP 2004046 A2 20081224 (EN)**

Application

**EP 07732152 A 20070326**

Priority

- GB 2007001091 W 20070326
- GB 0605950 A 20060324

Abstract (en)

[origin: WO2007110625A2] A device for prediction of imminence of onset of labour and a method for using the device are described. The device is a portable assembly of: a plurality of recording electrodes and optionally a reference electrode, each electrode comprising a contact surface for application to a subject; a means for data acquisition; a data analysing means to process the data to determine a result indicative of the electromyographic readings of the subject and a display adapted to display this result. It is characterised in that the data analysing means comprises a means adapted to produce a result indicative an electromyographic parameter known to vary cyclically in the period preceding labour, a data register to store previous results, and a data comparator to compare a currently generated result with previous results and thereby to identify a peak in the said parameter.

IPC 8 full level

**A61B 5/0488** (2006.01)

CPC (source: EP US)

**A61B 5/389** (2021.01 - EP US); **A61B 5/4356** (2013.01 - US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007110625 A2 20071004; WO 2007110625 A3 20071206**; AU 2007231122 A1 20071004; CA 2663420 A1 20071004; CN 101448455 A 20090603; EP 2004046 A2 20081224; GB 0605950 D0 20060503

DOCDB simple family (application)

**GB 2007001091 W 20070326**; AU 2007231122 A 20070326; CA 2663420 A 20070326; CN 200780018702 A 20070326; EP 07732152 A 20070326; GB 0605950 A 20060324