

Title (en)  
ANALYTE CONCENTRATION ALERT FUNCTION FOR ANALYTE SENSOR SYSTEM

Title (de)  
ANALYTKONZENTRATIONSSALARMIERUNGSFUNKTION FÜR ANALYSENSORSYSTEM

Title (fr)  
FONCTION D'ALERTE DE CONCENTRATION D'ANALYTE POUR SYSTÈME CAPTEUR D'ANALYTE

Publication  
**EP 3078013 A4 20170809 (EN)**

Application  
**EP 14866827 A 20141203**

Priority

- US 201361912103 P 20131205
- US 201361922387 P 20131231
- US 2014068346 W 20141203

Abstract (en)  
[origin: WO2015084947A1] Systems, methods, and apparatuses that provide alerts based on analyte data and acceleration data. An analyte sensor may generate the analyte data. An accelerometer may generate the acceleration data. A transceiver may convert the analyte data into analyte concentration values. The transceiver may convert the acceleration data into activity information. The transceiver may generate an alert based on the analyte concentration values and activity information. The alert may be communicated to a user by a mobile medical application executed on the transceiver and/or a display device (e.g., smartphone) in communication with the transceiver. The mobile medical application may display (e.g., on a display of the display device) a plot or graph of the analyte concentration values and activity information with respect to time.

IPC 8 full level  
**A61B 5/11** (2006.01); **A61B 5/145** (2006.01); **G08B 23/00** (2006.01)

CPC (source: EP)  
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Citation (search report)

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Designated contracting state (EPC)  
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**WO 2015084947 A1 20150611**; AU 2014360585 A1 20160630; AU 2014360585 B2 20190815; CA 2932880 A1 20150611; CA 2932880 C 20230425; EP 3078013 A1 20161012; EP 3078013 A4 20170809; JP 2017504446 A 20170209

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**US 2014068346 W 20141203**; AU 2014360585 A 20141203; CA 2932880 A 20141203; EP 14866827 A 20141203; JP 2016557525 A 20141203