

Title (en)

METHOD AND COMPUTER CODE FOR PORTABLE SENSING

Title (de)

VERFAHREN UND COMPUTERCODE FÜR ÜBERTRAGBARES MESSEN

Title (fr)

PROCEDE ET CODE INFORMATIQUE POUR DETECTION PORTABLE

Publication

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Application

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Abstract (en)

[origin: WO0133212A2] The present invention generally relates to detecting and transmitting analyte data from a field device to a processor. In an exemplary embodiment, the present invention provides a method for capturing and transmitting analyte data pertaining to an unknown analyte. The data for the unknown analyte is captured using a field device at a first geographic location. The captured analyte data is then transmitted via a computer network to a processor at a second geographic location. In a preferred embodiment, the captured analyte data are transferred via a worldwide network of computers such as an internet, the Internet, a combination thereof, and the like. In an exemplary embodiment, the method of the present invention is implemented in the form of a computer program product or code. The product includes a code directed to capturing analyte data pertaining to an unknown analyte using a field device (10). The product further includes a code directed to encoding the captured analyte data and transmitting the encoded analyte data via a computer network 18 to a processor (12) for analysis. The product also includes a code directed to performing an analysis of the captured analyte data at a remote location by the processor (12) using data of known analytes retrieved from an electronic library (14). This code and others can be used with the present invention to perform the functionality described herein as well as others.

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