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(54) Title: ACTIVE IMPLANTABLE MEDICAL DEVICE CAPABLE OF DISTINGUISHING BETWEEN A LOCAL INFECTION AND A SYSTEMIC INFECTION

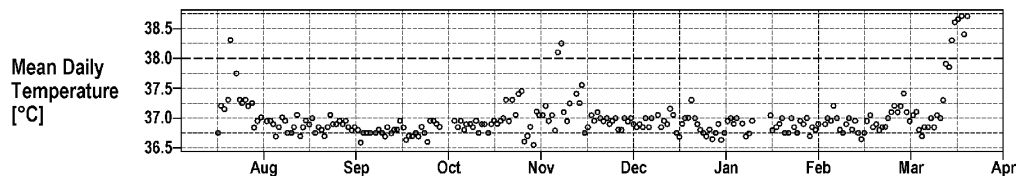


FIG. 1A

(57) Abstract: The invention relates to an active implantable medical device, comprising a processor, a memory unit, a detection unit configured to detect a cardiac physiologic parameter, and a temperature sensor for sensing a body temperature. In operation, the device carries out the following steps: a) causing the temperature sensor to repeatedly sense a body temperature of a person to whom the active implantable medical device is implanted; b) storing body temperature values obtained in step a) in the memory unit; c) causing the detection unit to repeatedly sense a cardiac physiologic parameter of the person; d) storing cardiac physiologic parameter values obtained in step c) in the memory unit; e) determining whether at least one of the body temperature values exceeds a predefined body temperature threshold; f) if an excess of the predefined body temperature threshold has been determined, determining whether at least one of the cardiac physiologic parameter values exceeds a predefined cardiac physiologic parameter threshold, wherein the at least one of the cardiac physiologic parameter values has been determined in the same time period as the at least one of the body temperature values exceeding the body temperature threshold; g) i) classifying an infection of the person as a local infection if the at least one of the body temperature values exceeds the body temperature threshold and if the at least one of the cardiac physiologic parameter values does not exceed the cardiac physiologic parameter threshold; or ii) classifying an infection of the person as a systemic infection if the at least one of the body temperature values exceeds the body temperature threshold and if the at least one of the cardiac physiologic parameter values exceeds the cardiac physiologic parameter threshold.

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