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(54) **FORCED AIR WARMER**

(56) **References Cited**

(75) Inventor: **Arthur Everardus Officier**, Epe (NL)

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(73) Assignee: **THE SURGICAL COMPANY
INTERNATIONAL B.V.**, Amersfoort
(NL)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1157 days.

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Primary Examiner — Kaitlyn Smith

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

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(57) **ABSTRACT**

(51) **Int. Cl.**
A61F 7/00 (2006.01)

The invention provides a forced air warmer comprising: a chamber having an outlet port; an air heater arranged to heat air within the chamber; an air propagator arranged to propagate heated air from the chamber along a heated air flow path passing through the port; and a temperature sensor provided in the heated air flow path to measure the temperature of heated air propagated along the heated air flow path. The forced air warmer further comprises an air flow conditioner in the heated air flow path downstream of the temperature sensor, the air flow conditioner being arranged to condition air flow at the temperature sensor so as to improve the reliability of temperature measurements made by the temperature sensor. The forced air warmer may be used to supply heated air to an air warming blanket for regulating the temperature of a patient.

(52) **U.S. Cl.**
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(58) **Field of Classification Search**
CPC **A61F 7/0085**; **A61F 2007/006**; **A61F 2007/0086**; **A61F 2007/0096**
See application file for complete search history.

20 Claims, 21 Drawing Sheets

