



US 20220353957A1

(19) **United States**(12) **Patent Application Publication**
Ebeling(10) **Pub. No.: US 2022/0353957 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **POSITIVE TEMPERATURE COEFFICIENT
HEATING OF LABORATORY DIAGNOSTIC
INSTRUMENTS****Publication Classification**

(51) **Int. Cl.**
H05B 3/50 (2006.01)
H05B 3/06 (2006.01)
G01N 35/10 (2006.01)
(52) **U.S. Cl.**
CPC *H05B 3/50* (2013.01); *H05B 3/06*
(2013.01); *G01N 35/10* (2013.01); *G01N*
2035/00356 (2013.01)

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Tarrytown, NY (US)(21) Appl. No.: **17/279,071**(22) PCT Filed: **Sep. 26, 2019**(86) PCT No.: **PCT/US2019/053299**

§ 371 (c)(1),

(2) Date: **Mar. 23, 2021****Related U.S. Application Data**(60) Provisional application No. 62/738,083, filed on Sep.
28, 2018.(57) **ABSTRACT**

A diagnostic device has a sample probe for receiving sample material from one or more containers, a sample line for delivering the sample material to one or more reaction containers, a reagent supply and reagent supply line for supplying reagent to the one or more reaction containers, an incubation ring for receiving the reaction containers and incubating a mixture of the sample material and the reagent for a period of time, and a heating system for heating one or more areas or components of the device. The heating system has one or more positive temperature coefficient heaters.

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