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**Kim et al.**

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(54) **TEST APPARATUS WITH DETECTOR THAT ROTATES IN ALIGNMENT WITH MICROFLUIDIC DEVICE AND CONTROL METHOD THEREOF**

(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(51) **Int. Cl.**

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(57) **ABSTRACT**

A test apparatus in which detectors and objects to be detected are rotated at the same speed, and a control method thereof are provided. The test apparatus includes a rotation driving unit that includes a rotary shaft; a microfluidic device that is loaded on the rotary shaft and includes at least one object to be detected; a rotating member that is mounted on the rotary shaft and includes at least one detector to detect the objects of the microfluidic device; and a controller configured to operate the rotation driving unit such that the microfluidic device and the rotating member are rotated at the same speed on the rotary shaft.

(52) **U.S. Cl.**

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**13 Claims, 6 Drawing Sheets**

