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(54) **ROBOT SYSTEM, METHOD FOR INSPECTION, AND METHOD FOR PRODUCING INSPECTION OBJECT**

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G01N 35/10	(2006.01)
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(58) **Field of Classification Search**

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See application file for complete search history.

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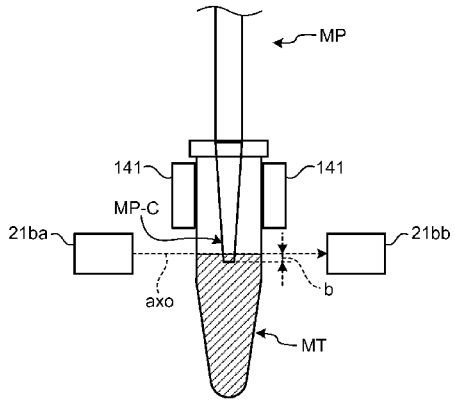
(57) **ABSTRACT**

A robot system according to an embodiment includes a sensor, an arm, and an instructor. The sensor is configured to detect an interface of a liquid. The arm includes a holding mechanism that holds a container containing the liquid. The instructor instructs the arm to cause the container to enter a sensing region of the sensor while holding the container, so as to cause the sensor to detect the interface.

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