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Inoue

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(54) **LIQUID SPRAY DEVICE AND CUTTING METHOD**

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(57) **ABSTRACT**

A liquid spray device, comprising a container (1), a spray injection nozzle (2) for injecting oil spray into the container (1), a spray feeding path (5) for feeding oil spray in the container (1) to the outside of the container (1), oil (11) stored in the container (1), a gas exhaust port provided in the oil (11) by discharging gas into the oil (11), whereby the flow velocity of the oil spray in the spray feeding path can be increased and the amount of oil spray can be increased because an internal pressure of the container can be increased and an oil spray different from the oil spray from the spray injection nozzle can be produced.

19 Claims, 9 Drawing Sheets

