

SPRAYING APPARATUS

ABSTRACT

5 A spraying apparatus includes: an inner lid; a flow guide plate;
and an annular member, wherein a liquid is introduced into a gas-
liquid mixing section between the inner lid, the flow guide plate, and
the annular member from an inner lid plate of the inner lid, the inner
lid plate being a flat plate located upstream of the spraying apparatus
10 and proximate the gas-liquid mixing section, and a gas is introduced
into the gas-liquid mixing section from an opposite position, the liquid
is atomized in the gas-liquid mixing section by the liquid impinging
with the gas and transforming into a gas-liquid mixed fluid, and
advancing to a spouting portion as the gas-liquid mixed fluid is
15 circulated in the gas-liquid mixing section along the internal surface
of the annular member on the flow guide plate and facing the gas-
liquid mixing section.

FIG. 1A