

ABSTRACT

AIR BUBBLE GENERATION DEVICE

5 It is to intermittently and effectively generate large bubbles in a liquid phase. A bubble generation device 1 intermittently generates large bubbles a2 in a liquid phase. The bubble generation device 1 includes a bubble storing container 3, a pivot 4, and a pair of edge portion receivers 5a, 5b. The bubble storing container 3 stores bubbles a1 generated by a gas
10 supply nozzle 2 in the liquid. The pivot 4 allows the bubble storing container 3 to pivot thereon, thereby releasing the large bubbles a2 from the bubble storing container 3. The pair of edge portion receivers 5a, 5b receives and blocks an edge portion of the bubble storing container 3 to limit pivot of the bubble storing container 3. An inside of the bubble storing
15 container 3 is partitioned by a partition 30 that is installed in an axial direction of the pivot 4.

FIG. 3