

Abstract

The present invention relates to a blade-driven micro-pulverization unit comprising: a pipe connecting body that provides a predetermined flow path to allow the inflow and discharging of fluid; a blade rotating body rotatably installed on the flow path in the pipe connecting body; and a driver for rotationally driving the blade rotating body, wherein the blade rotating body, by including a multi-stacked blade part having a plurality of gaps through which the fluid can pass, continuously adds mechanical rotating shocks to the fluid by high-speed rotation, so that the fluid flowing into the inside is discharged to the outside through the gaps, thereby effectively pulverizing and killing microbes, etc. contained in the fluid.

Figure 2