

ABSTRACT

SEPARATION DEVICE

5 A separation device which suppresses liquid foaming more effectively is provided.

 According to one embodiment, a separation device includes a cyclone extending along a central axis, including an introduction port for introducing a liquid containing foreign
10 matter into an interior and a first discharge port provided at a lower end for discharging the foreign matter, and separating the foreign matter from the liquid by centrifugal force by swirling the liquid in the interior, a columnar air layer formed in a manner extending from the first discharge port
15 along the central axis, and the liquid from which the foreign matter is separated rising along an outer circumferential surface of the air layer, a clean case provided on an opposite side of the first discharge port in an extending direction of the cyclone, including a barrier wall on which a connecting
20 hole is provided at an upper end of the cyclone and a second discharge port, and connected to the interior by the connecting hole, a gas-liquid separation tube extending from the connecting hole along the central axis, and including a plurality of first holes, and an inner wall extending along
25 the central axis, surrounding the gas-liquid separation tube, and including a plurality of second holes.

[Fig.1]