

SOLID POLYMER SEPARATOR

ABSTRACT

A solid polymer separator (1) includes a cylindrical screen (11) in which a number of slits are formed, a drive mechanism that rotates the screen (11), a guide plate
5 that is provided along an inner circumferential surface of the screen (11), a liquid spray mechanism (16) (first liquid spray mechanism) that is provided over the outer circumferential surface of the screen (11), and sprays a liquid to the outer circumferential surface of the screen (11), and a casing (18) that encloses at least the screen (11), and has an outlet (182) that is provided on the lower side. The solid
10 polymer separator (1) can separate a solid polymer dispersed in a liquid from the liquid, prevent a situation in which a metal is mixed into a solid polymer, and a large amount of liquid remains in a solid polymer, does not (frequently) require cleaning work, adjustment work, replacement work, and the like, and makes it possible to continue a production process for a long time.

Figure 1A