

**ABSTRACT OF THE DISCLOSURE
FLUX CALCULATOR**

A flux circulator includes first and second hoppers that contain flux and dust, respectively, and a filter that allows air to pass therethrough while capturing the dust. The first and second hoppers are provided with a suction system and an exhaust system, respectively. The air is exhausted from the filter through the exhaust system, so that used flux is collected in the first hopper for reuse. An impact plate is disposed in the first hopper so as to face an outlet of a suction pipe, and is connected to and hangs from a section around the ceiling of the first hopper. A sieve is disposed near the lower portion of the impact plate, and a supply pipe that supplies the flux to a weld portion is connected to the bottom portion of the first hopper. Accordingly, slag mixed with the flux can be removed when the used flux is recycled.

(FIG. 1)