

ABSTRACT

Provided is a melting device for discharging a melt of a substance to the inside of a tank to melt the substance stored
5 in the tank, the melting device being capable of discharging a desired amount of the melt into the tank, while reducing the diameter of a discharge pipe that discharges the melt of the substance. The melting device 1 of the present invention comprises a suction pipe 2 and a discharge pipe 3 that are
10 attached to the wall T of a tank; and a circulation flow path 4 that is disposed outside the tank T. The inside of the tank T and the inside of one end 4a of the circulation flow path 4 communicate with each other through the inside of the suction pipe 2. The inside of the tank T and the inside of the other end
15 4b of the circulation flow path 4 communicate with each other through the inside of the discharge pipe 3. A pump 5 is provided at a midway position of the circulation flow path 4. By driving the pump 5, a melt Ma of substance M that is present inside the tank T can be suctioned into the suction pipe 2, circulated
20 through the circulation flow path 4, and discharged from the inside of the discharge pipe 3 to the inside of the tank T; and the entirety of the inside of the discharge pipe 3 is used as a flow path for the melt Ma.