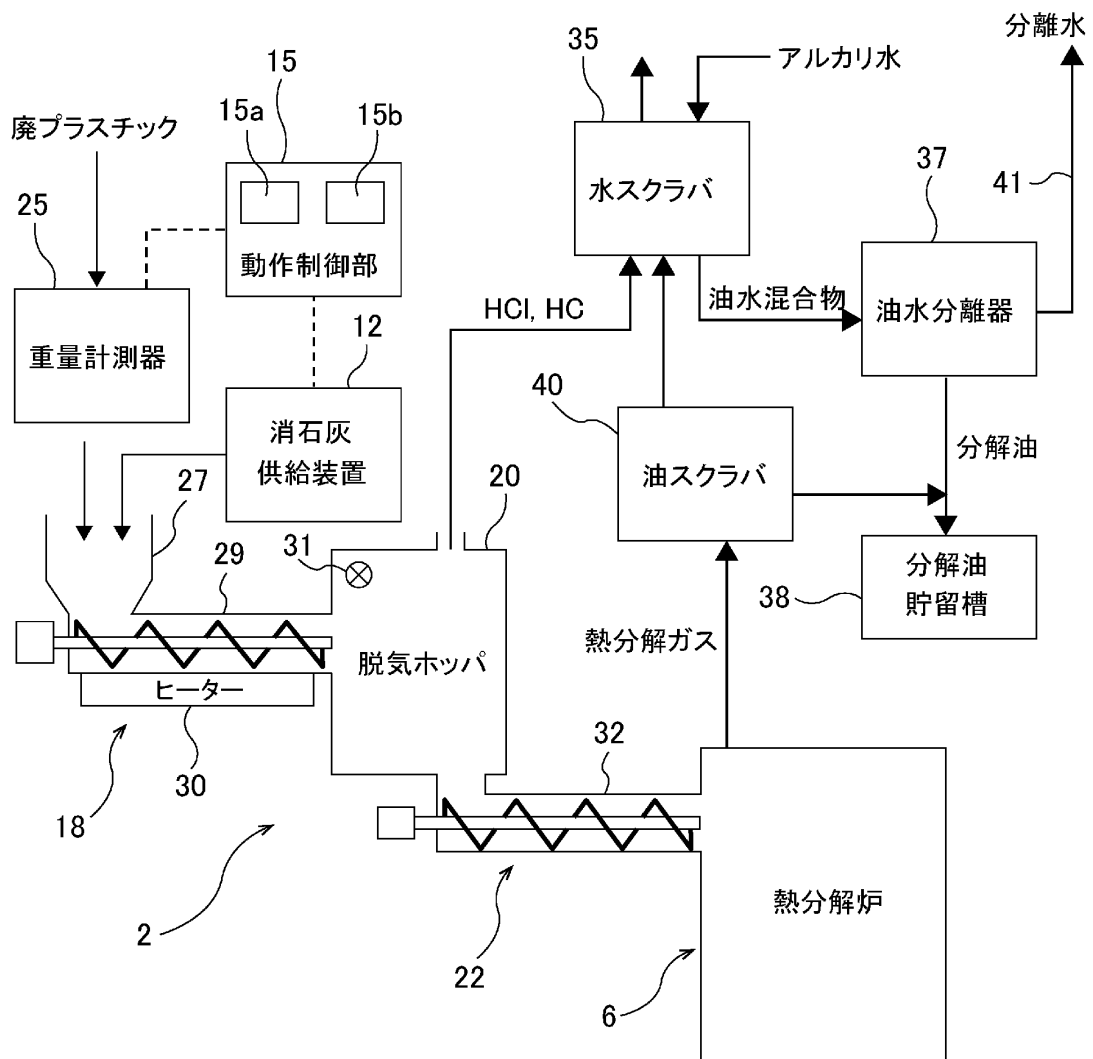
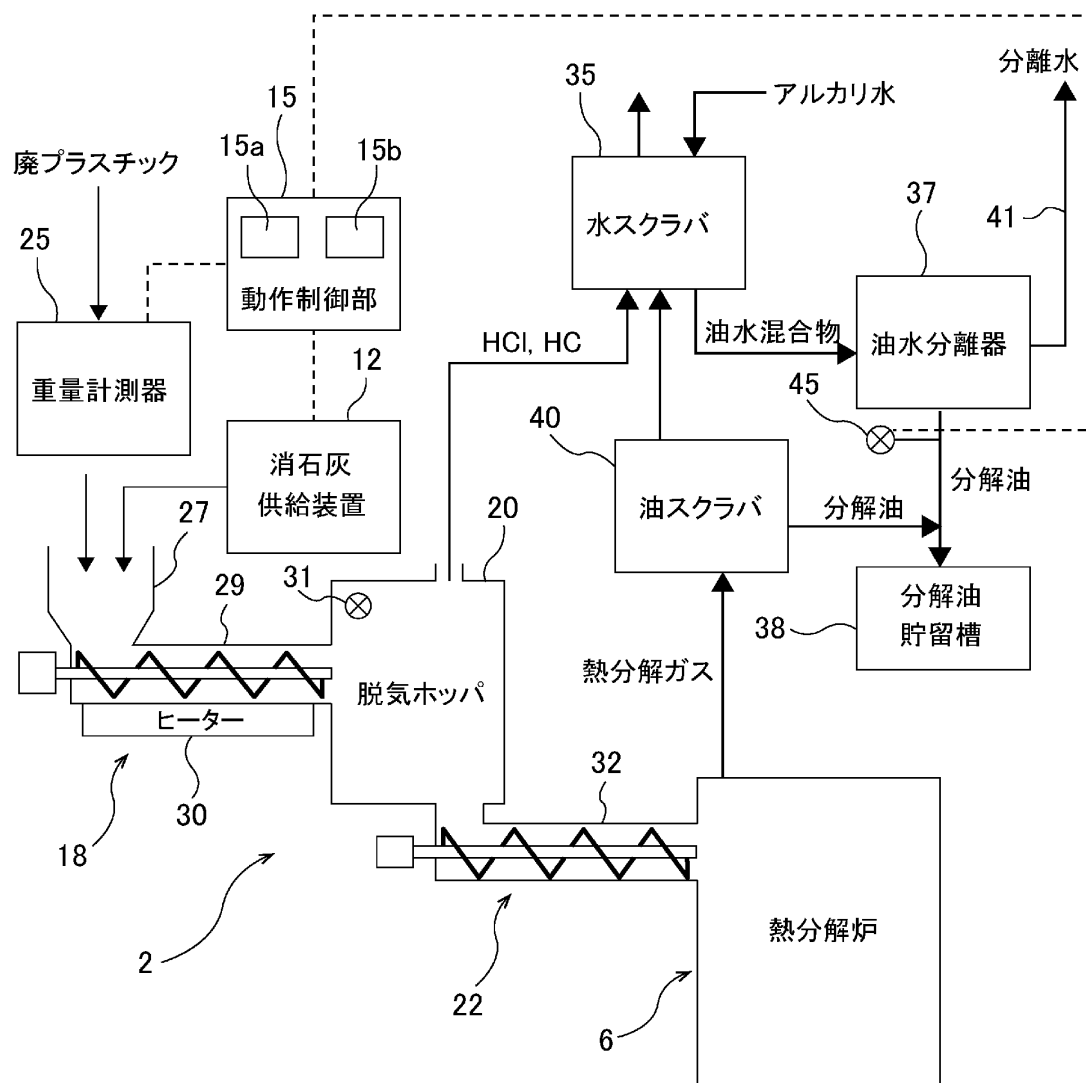


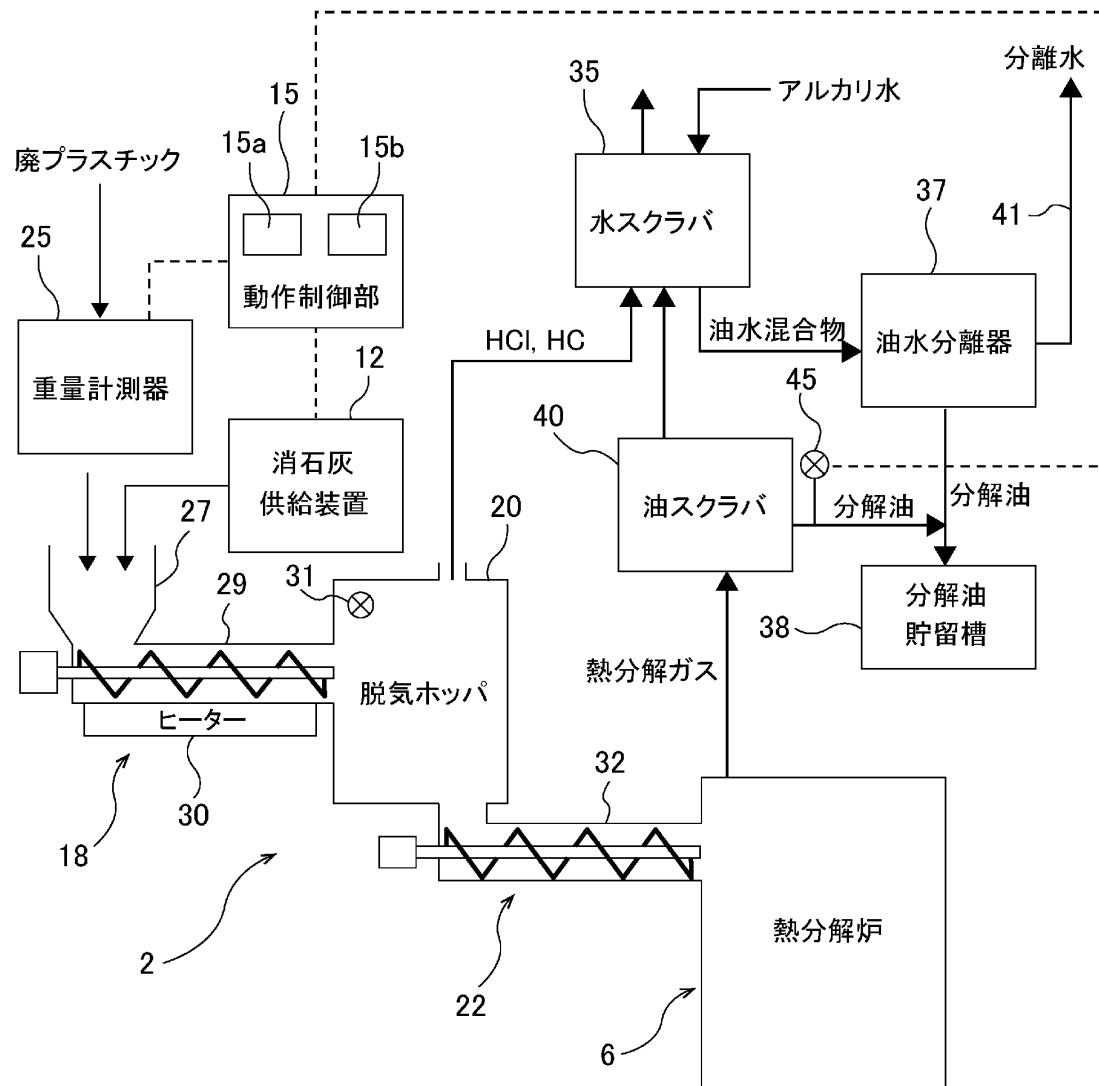
[図1]



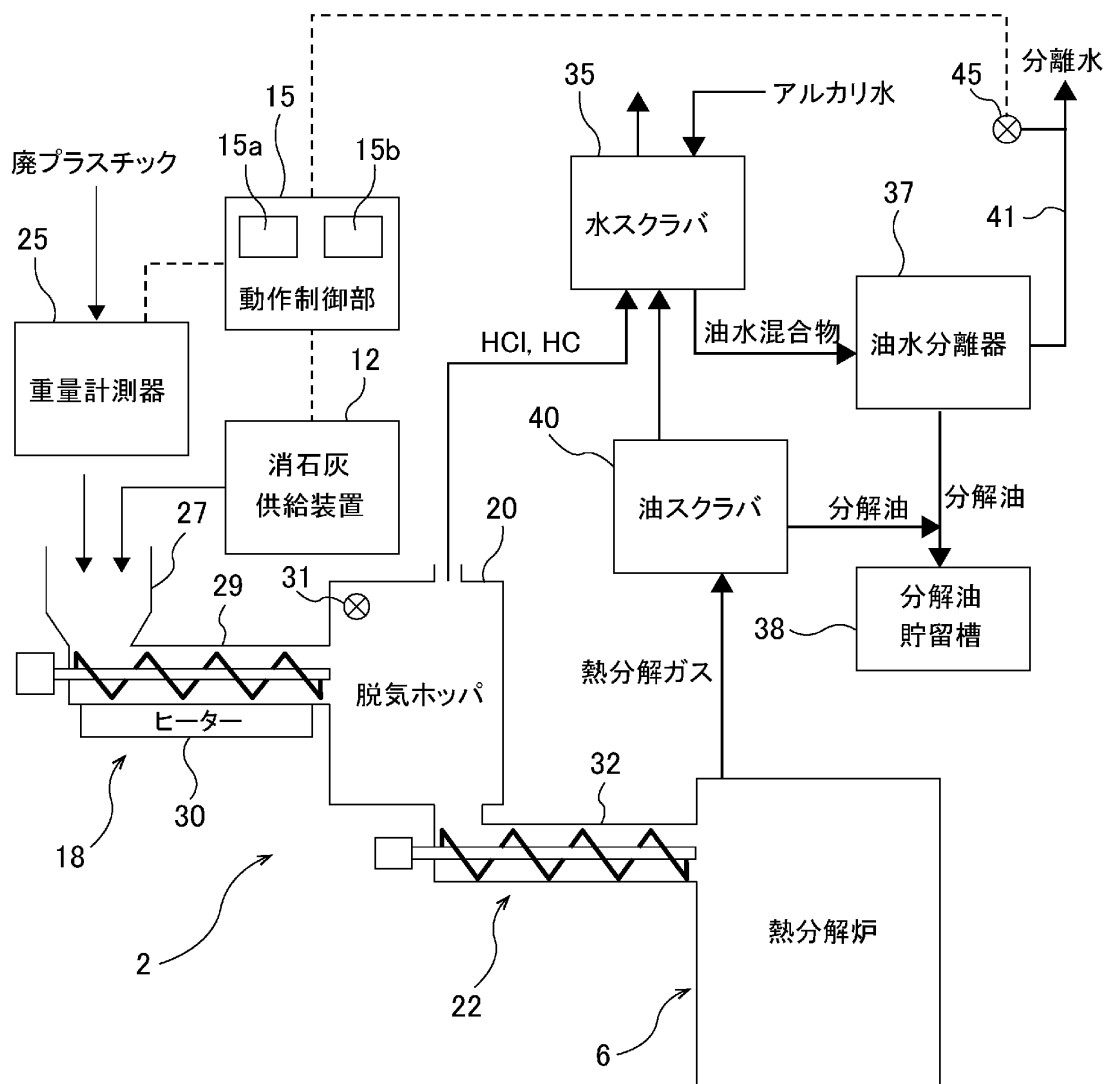
[図2]



[図3]



[図4]



The diagram illustrates a waste plastic recycling system. Waste plastic (1) is fed into a weight measurement unit (25) and a control unit (15). The control unit (15) manages the system, including the lime supply unit (12) and the deaeration hopper (20). The waste plastic is heated in a heater (30) within the deaeration hopper (20) to produce pyrolysis gas (G) and an oil-water mixture. The pyrolysis gas (G) is then treated in a gas treatment unit (7) and a gas scrubber (40). The oil-water mixture is separated in an oil-water separator (37) into oil and water. The oil is then treated in a media regeneration furnace (10) and a gas scrubber (40). The water is treated in a water scrubber (35). The system also includes a lime supply unit (12) and a deaeration hopper (20).

[illegible]