

ABSTRACT

Combustible is broken and dried, and metal and noncombustible are removed from the coarsely broken combustible. Then, it is secondarily broken and separated into coarse combustible and fluff which is fine combustible. The coarse combustible of the separated combustible is fed onto a fire grate (2) of a refuse incinerator (1), and burnt in flat bed combustion in a primary combustion chamber (4). On the other hand, the fluff is burnt in suspended combustion in a secondary combustion chamber (7) with a combustion fluff burner (5) for incinerating combustible. Thus, refuse containing much plastics which is formed into fluff can be efficiently disposed, thereby the amount of incineration being increased as a whole.