

ABSTRACT

**INCINERATOR SUPPLY AMOUNT DETECTION SYSTEM, INCINERATOR
OPERATION CONTROL SYSTEM, INCINERATOR SUPPLY AMOUNT
DETECTION METHOD, AND INCINERATOR OPERATION CONTROL METHOD**

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An incinerator supply amount detection system for detecting the amount of solid fuel supplied to a combustion chamber of an incinerator includes: an imaging device configured to capture an image of the solid fuel before the solid fuel deposited in a feeder part of the incinerator falls into the combustion chamber; and a detection device configured to detect the
10 amount of the solid fuel supplied to the combustion chamber, based on the image captured by the imaging device.

(FIG. 1)