

ABSTRACT OF THE DISCLOSURE

RECOVERY DEVICE OF BLASTING MEDIUM AND METHOD THEREFOR

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The present invention provides a recovery device of a blasting medium for recovering a blasting medium after use, which has been injected to a work and has fallen therefrom, into a solid-gas separating tank by suctioning with a suction blower, wherein the solid-gas separating tank comprising: a sucking unit of the blasting medium; a
10 vertically rising pipe provided in a vertical direction and adapted to connect the sucking unit and a tank body; a cushioning member disposed opposedly to an upper exit of the vertically rising pipe; a sieve into which the blasting medium that has collided against the cushioning member reducing its velocity falls, and which vibrates to classify a reusable blasting medium and a non-reusable blasting medium; an outlet portion for the
15 reusable blasting medium classified by the sieve and an outlet portion for the non-reusable blasting medium; and an airflow path provided downstream of the sieve in an air current direction, and connected to the suction blower.

Figure 8