

PARTICLE SEPARATOR FOR USE IN BLASTING APPARATUS

ABSTRACT

A particle separator for use in a blasting apparatus is provided, in which since reusable particles and particle dust are efficiently diffused by using a diffusion member, it is possible to achieve highly particle accurate separation and improved stable particle separation accuracy.

The particle separator is characterized in that the separator comprises a separator container; an inlet port for blowing the reusable particles and particle dust obtained after the blasting process into the separator container together with compressed air; a diffusion member for diffusing the reusable particles and particle dust; an exhaust port for exhausting the particle dust and compressed air; and a reusable particle accommodating tank disposed below the diffusion member.

Fig. 1

