

ABSTRACT OF THE DISCLOSURE

BLASTING APPARATUS

With the blasting apparatus according to the first embodiment of the present invention in which the injection nozzle is disposed to inject the blast material against the work pieces from the outside of the tubular barrel formed of the mesh net for accommodation of the work pieces and rotatable about the center axis, the work pieces can be stirred homogeneously and efficiently without excessive occurrence of the collision of the work pieces against one another and without occurrence of the collision of the work pieces against one another with a strong shock force. Therefore, the treating efficiency is enhanced and moreover, it is possible to inhibit the occurrence of the cracking and breaking of the work pieces. Since the tubular barrel is formed of the mesh net, the blast material can be injected from all directions. Therefore, any number of injection nozzles for injecting the blast material can be disposed at any locations in any manner, so that the blast material can be injected uniformly and efficiently against the work pieces.

With the blasting apparatus according to the second embodiment of the present invention in which the tubular barrel formed of the mesh net for accommodation of the work pieces and supported circumferentially outside the center axis of the support member rotatable about the center axis, for rotation about the center axis, so that the tubular barrel can be rotated about the center axis of the support member by rotating the support

member, and the injection nozzle is disposed to inject the blast material against the work pieces from the outside of the tubular barrel rotated about the center axis, it is possible to more inhibit the occurrence of the cracking and breaking of the work pieces, in addition to the effect provided in the blasting apparatus according to the first feature of the present invention.

Fig. 1