

ABSTRACT OF THE DISCLOSURE

Cutting Apparatus

A cutting apparatus jets, at a high pressure, water containing abrasive grains to cut a workpiece along cutting lines extending in intersecting directions. The cutting apparatus includes: a fixing table (66) fixing the workpiece; groove portions (68X, 68Y) provided in the fixing table (66) at respective positions below the cutting lines;
5 protruded portions (67) provided in regions of the fixing table (66) other than regions where the groove portions (68X, 68Y) are provided, in a manner that the workpiece contacts the protruded portions; support portions (69) provided to connect the protruded portions (67) substantially in parallel with cutting lines extending the Y
10 direction along the groove portions (68X, 68Y); a frame portion (70) provided to connect the support portions (69) to each other in at least a part of an outer periphery of the fixing table (66); and protection members (74) attachably and detachably provided to cover the support portions (69). Thus, in the case where the workpiece is cut along
15 the intersecting cutting lines, replacement of the fixing table (66) fixing the workpiece is unnecessary and wear of the fixing table (66) is prevented.

Fig 8