SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B24 GRINDING; POLISHING

B24C ABRASIVE OR RELATED BLASTING WITH PARTICULATE MATERIAL

Note(s)

1. This subclass covers:
   - the use of a blast of any particles or pellets dispersed in air, gas, or liquid for the treatment of surfaces or cutting of materials, the particles usually being of abrasive material;
   - the equivalent use of a jet of particles or pellets projected or energised by means other than a stream of air.
2. In this subclass, the following terms are used with the meanings indicated:
   - "abrasive" covers any material used in the manner mentioned in Note (1) above;
   - "blast" covers any equivalent jet of material mentioned in Note (1) above.

1/00 Methods for use of abrasive blasting for producing particular effects; Use of auxiliary equipment in connection with such methods

1/02 • for sharpening or cleaning cutting tools, e.g. files
1/04 • for treating only selected parts of a surface, e.g. for carving stone or glass
1/06 • for producing matt surfaces, e.g. on plastic materials, on glass
1/08 • for polishing surfaces, e.g. by making use of liquid-borne abrasives
1/10 • for compacting surfaces, e.g. shot-peening (for deforming sheet metal, tubes or profiles B21D 31/06; as a metallurgical treatment C21D 7/00, C22F 1/00)

3/00 Abrasive blasting machines or devices; Plants

3/02 • characterised by the arrangement of the component assemblies with respect to each other (B24C 3/08, B24C 3/18 take precedence)
3/04 • • stationary
3/06 • • movable; portable
3/08 • essentially adapted for abrasive blasting of travelling stock or travelling workpieces
3/10 • • for treating external surfaces
3/12 • • • Apparatus using nozzles
3/14 • • • Apparatus using impellers
3/16 • • for treating internal surfaces
3/18 • essentially provided with means for moving workpieces into different working positions (B24C 3/08 takes precedence)
3/20 • • the work being supported by turntables
3/22 • • • Apparatus using nozzles
3/24 • • • Apparatus using impellers
3/26 • • the work being supported by barrel cages, i.e. tumblers; Gimbal mountings therefor
3/28 • • • Apparatus using nozzles
3/30 • • • Apparatus using impellers
3/32 • designed for abrasive blasting of particular work, e.g. the internal surfaces of cylinder blocks (B24C 3/08, B24C 3/18 take precedence)
3/34 • • for cleaning sparking plugs

Accessories or equipment for abrasive blasting machines or devices

5/00 Devices or accessories for generating abrasive blasts

5/02 • Blast guns, e.g. for generating high velocity abrasive fluid jets for cutting materials **[5]**
5/04 • • Nozzles therefor (nozzles in general B05B)
5/06 • Impeller wheels; Rotor blades therefor
5/08 • Devices for generating abrasive blasts non-mechanically, e.g. of metallic abrasives by means of a magnetic field

7/00 Equipment for feeding abrasive material; Controlling the flowability, constitution, or other physical characteristics of abrasive blasts

9/00 Appurtenances of abrasive blasting machines or devices, e.g. working chambers, arrangements for handling used abrasive material

11/00 Selection of abrasive materials for abrasive blasts (polishing compositions C09G)