

B24 GRINDING; POLISHING**B24C ABRASIVE OR RELATED BLASTING WITH PARTICULATE MATERIAL**

- (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)