

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	3/24	• • • Apparatus using impellers
		3/26	• • the work being supported by barrel cages, i.e. tumblers; Gimbal mountings therefor
1/02	• for sharpening or cleaning cutting tools, e.g. files	3/28	• • • Apparatus using nozzles
1/04	• for treating only selected parts of a surface, e.g. for carving stone or glass	3/30	• • • Apparatus using impellers
1/06	• for producing matt surfaces, e.g. on plastic materials, on glass	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)
1/08	• for polishing surfaces, e.g. by making use of liquid-borne abrasives	3/34	• • for cleaning sparking plugs
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)		
			<u>Accessories or equipment for abrasive blasting machines or devices</u>
3/00	Abrasive blasting machines or devices; Plants	5/00	Devices or accessories for generating abrasive blasts
3/02	• characterised by the arrangement of the component assemblies with respect to each other (B24C 3/08, B24C 3/18 take precedence)	5/02	• Blast guns, e.g. for generating high velocity abrasive fluid jets for cutting materials [5]
3/04	• • stationary	5/04	• • Nozzles therefor (nozzles in general B05B)
3/06	• • movable; portable	5/06	• Impeller wheels; Rotor blades therefor
3/08	• essentially adapted for abrasive blasting of travelling stock or travelling workpieces	5/08	• Devices for generating abrasive blasts non-mechanically, e.g. of metallic abrasives by means of a magnetic field
3/10	• • for treating external surfaces		
3/12	• • • Apparatus using nozzles	7/00	Equipment for feeding abrasive material; Controlling the flowability, constitution, or other physical characteristics of abrasive blasts
3/14	• • • Apparatus using impellers		
3/16	• • for treating internal surfaces	9/00	Appurtenances of abrasive blasting machines or devices, e.g. working chambers, arrangements for handling used abrasive material
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	11/00	Selection of abrasive materials for abrasive blasts (polishing compositions C09G)