SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B25 HAND TOOLS; PORTABLE POWER-DRIVEN TOOLS; HANDLES FOR HAND IMPLEMENTS; WORKSHOP EQUIPMENT; MANIPULATORS

B25D PERCUSSIVE TOOLS [2]

Subclass index

TOOLS DISTINGUISHED BY OPERATIVE METHOD.....9/00-16/00
HAMMERS, CHISELS, PUNCHES, OR PICKS.....1/00-7/00
DETAILS OR ACCESSORIES.....17/00

1/00 Hand hammers; Hammer heads of special shape or materials
1/02 • Inserts or attachments forming the striking part of hammer heads (B25D 1/08-B25D 1/14 take precedence) **[5]**
1/04 • with provision for withdrawing or holding nails or spikes
1/06 • • Magnetic holders **[5]**
1/08 • having deformable heads (B25D 1/12 takes precedence) **[5]**
1/10 • having work protector surrounding faces **[5]**
1/12 • having shock-absorbing means **[5]**
1/14 • having plural striking faces **[5]**
1/16 • having the impacting head in the form of a sleeve slidable on a shaft, e.g. hammers for driving a valve or draw-off tube into a barrel **[5]**

3/00 Hand chisels (mortise chisels B27G 17/08)

5/00 Centre punches
5/02 • Automatic centre punches

7/00 Picks

9/00 Portable percussive tools with fluid-pressure drive, e.g. having several percussive tool bits operated simultaneously (centrifugal or rotary impact type B25D 15/00)
9/02 • of the tool-carrier piston type, i.e. in which the tool is connected to an impulse member
9/04 • of the hammer piston type, i.e. in which the tool bit or anvil is hit by an impulse member
9/06 • Means for driving the impulse member
9/08 • • comprising a built-in air compressor
9/10 • • comprising a built-in internal-combustion engine
9/11 • • operated by combustion pressure generated by detonation of a cartridge
9/12 • • comprising a built-in liquid motor
9/14 • Control devices for the reciprocating piston
9/16 • • Valve arrangements therefor
9/18 • • • involving a piston-type slide valve
9/20 • • • involving a tubular-type slide valve
9/22 • • • involving a rotary-type slide valve
9/24 • • • involving a rocking-plate type valve
9/26 • • Control devices for adjusting the stroke of the piston or the force or frequency of impact thereof

11/00 Portable percussive tools with electromotor drive (centrifugal or rotary impact type B25D 15/00)
11/02 • in which the tool is connected to an impulse member
11/04 • in which the tool bit or anvil is hit by an impulse member
11/06 • Means for driving the impulse member
11/08 • • comprising a worm mechanism
11/10 • • comprising a cam mechanism
11/12 • • comprising a crank mechanism

13/00 Portable percussive tools with electromagnetic drive (centrifugal or rotary impact type B25D 15/00)

15/00 Portable percussive tools using centrifugal or rotary impact elements
15/02 • in which the tool bit or anvil is hit by a rotary impulse member

16/00 Portable percussive machines with superimposed rotation [3]

17/00 Details of, or accessories for, portable power-driven percussive tools [4]
17/02 • Percussive tool bits
17/04 • Handles; Handle mountings
17/06 • Hammer pistons; Anvils
17/08 • Means for retaining and guiding the tool bit, e.g. chucks
17/10 • Safety devices
17/11 • Arrangements of noise damping means **[3]**
17/12 • • of exhaust silencers **[3]**
17/14 • Removing or laying dust
17/16 • • by liquid
17/18 • • by exhausting dust-loaded air
17/20 • Devices for cleaning or cooling tool or work
17/22 • • using pressure fluid
17/24 • Damping the reaction force
17/26 • Lubricating
17/28 • Supports; Devices for holding power-driven percussive tools in working position
17/30 • • Pillars and struts

B25D

17/32 • • Trolleys