F16M FRAMES, CASINGS, OR BEDS OF ENGINES OR OTHER MACHINES OR APPARATUS NOT SPECIFIC TO AN ENGINE, MACHINE, OR APPARATUS PROVIDED FOR ELSEWHERE; STANDS OR SUPPORTS

NOTE

Attention is drawn to the following places:

B21B 31/02 Metal-rolling stand frames
G01D 11/30 Supports specially adapted for indicating or recording instruments.

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00 Frames or casings of engines, machines or apparatus; Frames serving as machinery beds

1/02 . . for reciprocating engines or similar machines

1/021 . . for housing crankshafts

1/022 . . of tunnel type, i.e. wherein the crankshaft can only be introduced axially (for engines or machines with star-shaped cylinder arrangement F16M 1/023)

1/023 . . specially adapted for engines or machines with star-shaped cylinder arrangement

1/024 . . facilitating assembly of power-transmitting parts of engines or machines, e.g. of connecting-rods

1/025 . . Assembling bearings in casings, e.g. having anchor bolts

1/026 . . for housing movable engine or machine parts other than crankshafts, e.g. valve-gear housings

1/04 . for rotary engines or similar machines

1/08 . characterised by being built-up of sheet material or welded parts

3/00 Portable or wheeled frames or beds, e.g. for emergency power-supply aggregates, compressor sets (construction of vehicles in general B60 - B62)

5/00 Engine beds, i.e. means for supporting engines or machines on foundations

7/00 Details of attaching or adjusting engine beds, frames, or supporting-legs on foundation or base; Attaching non-moving engine parts, e.g. cylinder blocks (elastic or equivalent mounting for absorbing vibrations F16F, especially F16F 15/04)

9/00 Special layout of foundations with respect to machinery to be supported (foundations for machinery E02D 27/44)

11/00 Stands or trestles as supports for apparatus or articles placed thereon (Stands for scientific apparatus such as gravitational force meters) (without heads F16K 13/00; easels or stands for blackboards or the like A47B 97/04; show-stands A47F 7/00; for workmen E04G 1/32; sockets or holders for poles or posts E04H 12/22; supporting, suspending for lighting devices F21V 21/00; special modifications for particular apparatus or articles, see the appropriate subclasses)

11/02 . Heads

11/04 . . Means for attachment of apparatus; Means allowing adjustment of the apparatus relatively to the stand

11/041 . . . [Allowing quick release of the apparatus]

11/043 . . . [Allowing translations]

11/045 . . . [adapted to left-right translation movement]

11/046 . . . [adapted to upward-downward translation movement]

11/048 . . . [adapted to forward-backward translation movement]

11/06 . . . allowing pivoting

11/08 . . . around a vertical axis . . . (e.g. panoramic heads (F16M 11/12 takes precedence))

11/10 . . . around a horizontal axis (F16M 11/12 takes precedence)

11/105 . . . . . . . . [the horizontal axis being the roll axis, e.g. for creating a landscape-portrait rotation]

11/12 . . . . . . in more than one direction

11/121 . . . . . . [constituted of several dependent joints]

11/123 . . . . . . [the axis of rotation intersecting in a single point, e.g. by using gimbals]

11/125 . . . . . . [for tilting and rolling (F16M 11/14 takes precedence)]
13/00 Other supports for positioning apparatus or articles (heads thereof F16M 11/02 ; undercarriages thereof F16M 11/20) : adapted to be stuck in the ground A45F 3/44 ; sockets or holders for poles or posts E04H 12/22 ; Means for steadying handheld apparatus or articles (supports for measuring instruments G01D 11/30; supports for casings of remote control switching devices H01H 9/025)

13/05 . . . . (integral with the apparatus or articles to be supported)
13/02 . . . . for supporting on, or attaching to, an object, e.g. tree, gate, window-frame, cycle
13/022 . . . . (repositionable)
13/025 . . . . (Corner supports)
13/027 . . . . (Ceiling supports)
13/04 . . . . for supporting on, or holding steady relative to, a person, e.g. by chains, e.g. rifle butt or pistol grip supports, attached to the chest or head (apparatus or arrangements for taking photographs or for projecting or viewing them G03B)
13/06 . . . . also serviceable for other purposes, e.g. to be used as spade, chair, ski-stick
13/08 . . . . for use as a walking-cane

2200/00 Details of stands or supports
2200/02 . . . . Locking means
2200/021 . . . . for rotational movement
2200/022 . . . . by friction
2200/024 . . . . by positive interaction, e.g. male-female connections
2200/025 . . . . for translational movement
2200/027 . . . . by friction
2200/028 . . . . by positive interaction, e.g. male-female connections
2200/04 . . . . Balancing means
2200/041 . . . . for balancing rotational movement of the head
2200/042 . . . . for panning movement
2200/044 . . . . for balancing rotational movement of the undercarriage
2200/045 . . . . for panning movement
2200/047 . . . . for balancing translational movement of the head
2200/048 . . . . for balancing translational movement of the undercarriage
2200/06 . . . . Arms
2200/061 . . . . Scissors arms
2200/063 . . . . Parallelogram arms
2200/065 . . . . with a special structure, e.g. reinforced or adapted for space reduction
2200/066 . . . . being part of the head
2200/068 . . . . being part of the undercarriage
2200/08 . . . . Foot or support base

Foot or support base