

SECTION A — HUMAN NECESSITIES

A47 FURNITURE; DOMESTIC ARTICLES OR APPLIANCES; COFFEE MILLS; SPICE MILLS; SUCTION CLEANERS IN GENERAL

A47C CHAIRS; SOFAS; BEDS

Subclass index

SEATING FURNITURE

General structure.....	3/00, 11/00
Chairs of special materials.....	5/00
Folding or collapsible chairs.....	4/00
For special uses.....	1/00, 9/00, 11/00
Step-stools, convertible chairs, other seating furniture.....	12/00-15/00
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SOFAS, COUCHES, BEDS

General structure.....	17/00, 19/00
Details; accessories.....	19/00, 20/00, 23/00, 21/00

DETAILS OR ACCESSORIES COMMON TO SEATING FURNITURE AND BEDS.....23/00-31/00

Chairs; Stools; Benches

1/00	Chairs adapted for special purposes (chairs or personal conveyances specially adapted for patients or disabled persons, e.g. wheelchairs, A61G 5/00; operating chairs or dental chairs A61G 15/00) [1, 2006.01]	1/035	• • • • in combination with movably-coupled seat and back-rest [1, 2006.01]
1/02	• Reclining or easy chairs [1, 2006.01]	1/0355	• • • • actuated by linkages, e.g. lazy-tongs mechanisms [2013.01]
1/022	• • having independently-adjustable supporting parts [1, 2006.01]	1/036	• • • the parts including a head-rest [1, 2006.01]
1/023	• • • the parts being horizontally-adjustable seats [1, 2006.01]	1/037	• • • • the combination with a leg-rest or foot-rest [1, 2006.01]
1/024	• • • the parts, being the back-rest, or the back-rest and seat unit, having adjustable inclination [1, 2006.01]	1/04	• Hairdressers' or similar chairs [1, 2006.01]
1/025	• • • • by means of a rack-and-pinion or like gearing mechanism [1, 2006.01]	1/06	• • adjustable [1, 2006.01]
1/026	• • • • by means of a peg-and-notch or pawl-and-ratchet mechanism [1, 2006.01]	1/08	• • with auxiliary seats [1, 2006.01]
1/027	• • • • by means of clamps or friction locking members [1, 2006.01]	1/10	• • with head-rests; with paper holders [1, 2006.01]
1/028	• • • for changing a straight chair into an easy chair [1, 2006.01]	1/11	• • Accessories not otherwise provided for, e.g. seats for children [1, 2006.01]
1/029	• • • by changing the length or the inclination of the legs [1, 2006.01]	1/12	• Theatre, auditorium or similar chairs (detachable seats for mounting on stadium benches A47C 1/16) [1, 2006.01]
1/03	• • • the parts being arm-rests [1, 2006.01]	1/121	• • having tipping-up seats [3, 2006.01]
1/031	• • having coupled adjustable supporting parts [1, 2006.01]	1/122	• • • tipping-up sideways [1, 3, 2006.01]
1/032	• • • the parts being movably-coupled seat and back-rest (A47C 1/035 takes precedence) [1, 2006.01]	1/124	• • Separate chairs, connectible together into a row [1, 2006.01]
1/033	• • • • the coupling member being a flexible strip [1, 2006.01]	1/126	• • stowable in floor or wall [1, 2006.01]
1/034	• • • the parts including a leg-rest or foot-rest (A47C 1/037 takes precedence) [1, 2006.01]	1/13	• • Indicators; Devices for reserving or the like [1, 2006.01]
		1/14	• Beach chairs [1, 2006.01]
		1/16	• Seats detachably mounted on stadium benches [1, 2006.01]
		3/00	Chairs characterised by structural features; Chairs or stools with rotatable or vertically-adjustable seats (A47C 1/00, A47C 4/00 take precedence) [1, 2006.01]
		3/02	• Rocking chairs [1, 2006.01]
		3/021	• • having elastic frames [1, 2006.01]
		3/023	• • • made of tubular material [1, 2006.01]
		3/025	• • with seat, or seat and back-rest unit, elastically mounted in a rigid frame [1, 2006.01]

- 3/026 • • • with a central column, e.g. rocking office chairs; Tilting chairs [1, 2006.01]
- 3/027 • • • with curved rocking members between seat and frame [1, 2006.01]
- 3/029 • • with curved rocking members resting on the floor [1, 2006.01]
- 3/03 • • Locking members (A47C 3/027 takes precedence) [1, 2006.01]
- 3/04 • Stackable chairs or nesting chairs [1, 2006.01]
- 3/12 • with shell-shaped seat and back-rest unit, e.g. having arm-rests [1, 2006.01]
- 3/14 • of asymmetrical shape [1, 2006.01]
- 3/16 • of legless type, e.g. with seat directly resting on the floor (A47C 3/14 takes precedence); Hassocks; Pouffes [1, 2006.01]
- 3/18 • Chairs or stools with rotatable seat (adjustable in height by rotation A47C 3/24) [1, 2006.01]
- 3/20 • Chairs or stools with vertically-adjustable seats [1, 2006.01]
- 3/22 • • with balancing device, e.g. by spring, by weight [1, 2006.01]
- 3/24 • • with vertical spindle [1, 2006.01]
- 3/26 • • with vertical toothed rack [1, 2006.01]
- 3/28 • • with clamps acting on vertical rods [1, 2006.01]
- 3/30 • • with vertically-acting fluid cylinder [1, 2006.01]
- 3/32 • • with flexible height-adjusting means, e.g. rope, chain [1, 2006.01]
- 3/34 • • with pins coacting with holes [1, 2006.01]
- 3/36 • • with means, or adapted, for inclining the legs of the chair or stool for varying height of seat [1, 2006.01]
- 3/38 • • with additional seat or additional legs for varying height of seat [1, 2006.01]
- 3/40 • • Telescopic guides [1, 2006.01]
- 4/00 Foldable, collapsible or dismantlable chairs (of tubular metal type A47C 5/10) [1, 2006.01]**
- 4/02 • Dismantlable chairs [1, 2006.01]
- 4/03 • • Non-upholstered wooden chairs [2, 2006.01]
- 4/04 • Folding chairs with inflexible seats [1, 2006.01]
- 4/06 • • Attachment of upholstery or fabric to frames [1, 2006.01]
- 4/08 • • having a frame made of wood or plastics [1, 2006.01]
- 4/10 • • • with legs pivotably connected to seat or underframe [1, 2006.01]
- 4/12 • • • • of adjustable type (A47C 4/14 takes precedence) [1, 2006.01]
- 4/14 • • • • with cross legs [1, 2006.01]
- 4/16 • • • • • of adjustable type [1, 2006.01]
- 4/18 • • having a frame made of metal [1, 2006.01]
- 4/20 • • • with legs pivotably connected to seat or underframe [1, 2006.01]
- 4/22 • • • • of adjustable type (A47C 4/24 takes precedence) [1, 2006.01]
- 4/24 • • • • with cross legs [1, 2006.01]
- 4/26 • • • • • of adjustable type [1, 2006.01]
- 4/28 • Folding chairs with flexible coverings for the seat or back elements [1, 2006.01]
- 4/30 • • Attachment of upholstery or fabric to frames [1, 2006.01]
- 4/32 • • having a frame made of wood or plastics [1, 2006.01]
- 4/34 • • • with legs pivotably connected to seat or underframe [1, 2006.01]
- 4/36 • • • • of adjustable type (A47C 4/38 takes precedence) [1, 2006.01]
- 4/38 • • • • with cross legs [1, 2006.01]
- 4/40 • • • • • of adjustable type [1, 2006.01]
- 4/42 • • having a frame made of metal [1, 2006.01]
- 4/44 • • • with legs pivotably connected to seat or underframe [1, 2006.01]
- 4/46 • • • • of adjustable type (A47C 4/48 takes precedence) [1, 2006.01]
- 4/48 • • • • with cross legs [1, 2006.01]
- 4/50 • • • • • of adjustable type [1, 2006.01]
- 4/52 • Trunk chairs, i.e. chairs collapsible to trunk shape [1, 2006.01]
- 4/54 • Inflatable chairs [1, 2006.01]
- 5/00 Chairs of special materials [1, 2006.01]**
- 5/02 • Basket chairs [1, 2006.01]
- 5/04 • Metal chairs, e.g. tubular (rocking chairs having elastic frames made of tubular material A47C 3/023) [1, 2006.01]
- 5/06 • • Special adaptation of seat upholstery or fabric for attachment to tubular chairs [1, 2006.01]
- 5/08 • • Tubular chairs having sheathed tubes; Adaptation of sheathed tubes thereto [1, 2006.01]
- 5/10 • • Tubular chairs of foldable, collapsible, or dismantlable type [1, 2006.01]
- 5/12 • of plastics, with or without reinforcement [1, 2006.01]
- 5/14 • characterised by the use of laminated wood [1, 2006.01]
- 7/00 Parts, details, or accessories of chairs or stools [1, 2006.01]**
- 7/02 • Seat parts [1, 2006.01]
- 7/14 • • of adjustable shape; elastically mounted [1, 2006.01]
- 7/16 • • Seats made of wooden, plastics, or metal sheet material; Panel seats [1, 2006.01]
- 7/18 • • having foamed material included in cushioning part [1, 2006.01]
- 7/20 • • • with reinforcement [1, 2006.01]
- 7/22 • • Straps or the like for carrying upholstery [1, 2006.01]
- 7/24 • • Upholstered seats (A47C 7/18 takes precedence) [1, 2006.01]
- 7/26 • • • with reinforcement [1, 2006.01]
- 7/28 • • with tensioned springs, e.g. of flat type [1, 2006.01]
- 7/30 • • • with springs meandering in a flat plane [1, 2006.01]
- 7/32 • • • with tensioned cords, e.g. of elastic type, in a flat plane [1, 2006.01]
- 7/34 • • with springs in compression, e.g. coiled [1, 2006.01]
- 7/35 • • Combinations of different types of springs; Adjustable springs; Attachment of springs to other springs or to frame [2, 2006.01]
- 7/36 • Supports for the head or the back [1, 2006.01]
- 7/38 • • for the head, e.g. detachable [1, 2006.01]
- 7/40 • • for the back [1, 2006.01]
- 7/42 • • • of detachable type [1, 2006.01]
- 7/44 • • • with elastically-mounted frame [1, 2006.01]
- 7/46 • • • with special, e.g. adjustable, profile; "Ackerbloom" profile chairs [1, 2006.01]
- 7/48 • • • of freely-rotatable type [1, 2006.01]

- 7/50 • Supports for the feet or the legs (reclining or easy chairs having coupled adjustable supporting parts including a leg-rest or foot-rest A47C 1/034; reclining or easy chairs having coupled adjustable supporting parts including a head-rest in combination with a leg-rest or foot-rest A47C 1/037) [1, 2006.01]
- 7/52 • • of detachable type [1, 2006.01]
- 7/54 • Supports for the arms [1, 2006.01]
- 7/56 • Parts or details of tipping-up chairs, e.g. of theatre chairs [1, 2006.01]
- 7/58 • • Hinges, e.g. for mounting chairs in a curved row [1, 2006.01]
- 7/60 • • Use of locks or ledges for limiting the seat movement [1, 2006.01]
- 7/62 • Accessories for chairs [1, 2006.01]
- 7/64 • • Hat or coat holders [1, 2006.01]
- 7/66 • • Means to protect against weather [1, 2006.01]
- 7/68 • • Arm-rest tables [1, 2006.01]
- 7/70 • • • of foldable type [1, 2006.01]
- 7/72 • • Adaptations for incorporating lamps, radio sets, bars, telephones, ventilation, heating or cooling arrangements or the like [1, 2006.01]
- 7/74 • • • for ventilation, heating or cooling [1, 2006.01]
- 9/00 Stools for specified purposes [1, 5, 2006.01]**
- 9/02 • Office stools; Workshop stools [1, 2006.01]
- 9/04 • Milking stools [1, 2006.01]
- 9/06 • Wall stools [1, 2006.01]
- 9/08 • Music stools [1, 2006.01]
- 9/10 • Camp, travelling, or sports stools [1, 2006.01]
- 11/00 Benches not otherwise provided for [1, 2006.01]**
- 11/02 • Church benches; Confessionals [1, 2006.01]
- 12/00 Step-stools [5, 2006.01]**
- Note(s) [5]**
- Folding or collapsing actions, of interest apart from any conversion between the step and seat functions, are classified in group A47C 4/00.
- 12/02 • requiring conversion between the step and seat functions [5, 2006.01]
- 13/00 Convertible chairs, stools or benches (step-stools requiring conversion between the step and seat functions A47C 12/02) [1, 5, 2006.01]**
- 15/00 Other seating furniture [1, 2006.01]**
- 16/00 Stand-alone rests or supports for feet, legs, arms, back or head [2, 2006.01]**
- 16/02 • Footstools; Foot-rests; Leg-rests [2, 2006.01]
- 16/04 • Prayer stools; Kneeling stools; Kneeling supports [2, 2006.01]
- Sofas; Beds**
- Note(s)**
- In groups A47C 17/00-A47C 27/00, the following terms or expressions are used with the meanings indicated:
- "bedstead" is used only for the frame of a bed;
 - "bed" includes bedsteads combined with spring mattresses, stuffed mattresses, or similar means to enable the lying of persons thereon;
 - "stuffed mattresses" may include metal springs.
- 17/00 Sofas; Couches; Beds [1, 2006.01]**
- 17/02 • Sofas, couches, settees, or the like, without movable parts [1, 2006.01]
- 17/04 • Sofas, couches, settees, or the like, with movable parts; Chair beds [1, 2006.01]
- 17/12 • • changeable to beds by tilting or extending the arm-rests [1, 2006.01]
- 17/13 • • changeable by increasing the available part, e.g. by drawing forward [1, 2006.01]
- 17/14 • • changeable to beds by removing parts only [1, 2006.01]
- 17/16 • • changeable to beds by tilting or pivoting the back-rest [1, 2006.01]
- 17/165 • • • with forward tiltable back-rest, e.g. back cushion [2, 2006.01]
- 17/17 • • • with coupled movement of back-rest and seat [2, 2006.01]
- 17/175 • • • • with tilting or lifting seat-back-rest pivot [2, 2006.01]
- 17/18 • • • and tilting or pivoting the arm-rest [1, 2006.01]
- 17/20 • • • thereby uncovering one or more auxiliary parts previously hidden (A47C 17/22 takes precedence) [1, 2006.01]
- 17/207 • • • • with seat cushion consisting of superposed parts, at least one lower part being used to form part of the surface [2, 2006.01]
- 17/213 • • • • the surface, when used for lying down, consisting of one side of the seat frame and the back-rest frame [2, 2006.01]
- 17/22 • • with means for uncovering a previously hidden mattress or similar bed part [1, 2006.01]
- 17/23 • • • the lying down surface partly consisting of one side of the seat [2, 2006.01]
- 17/24 • • • with only one movable part being tiltable about a horizontal axis [1, 2006.01]
- 17/26 • • • • tiltable to an overturned position [1, 2006.01]
- 17/28 • • • • having means to lift the tilting axis [1, 2006.01]
- 17/30 • • • two or more parts being rotatable about a vertical axis [1, 2006.01]
- 17/32 • • Changing a single bed into a double bed by extending, pivoting, or tilting a previously hidden second mattress or other bed part [1, 2006.01]
- 17/34 • • Joining seats, chairs, or couches to form beds [1, 2006.01]
- 17/36 • • • Changing corner couches into a double bed [1, 2006.01]
- 17/37 • • Changing sofas or the like into beds by means of furniture other than seats or chairs [1, 2006.01]
- 17/38 • Wall beds [1, 2006.01]
- 17/40 • • having balancing members, e.g. weights, springs [1, 2006.01]
- 17/42 • • having supporting legs with fixed position on the floor, e.g. attached thereto [1, 2006.01]
- 17/44 • • • having means on the supporting legs facilitating the removal of the bed from its place [1, 2006.01]
- 17/46 • • characterised by a rigid mattress-supporting member [1, 2006.01]
- 17/48 • • characterised by two or more relatively-movable parts [1, 2006.01]
- 17/50 • • characterised by their shape, e.g. multiple-wall beds [1, 2006.01]
- 17/52 • Cabinet beds; Table beds, or like beds; Wardrobe beds [1, 2006.01]

- 17/54 • • in which the cabinet or the like is tilted with the bed **[1, 2006.01]**
- 17/56 • • pivotable on both horizontal and vertical axis **[1, 2006.01]**
- 17/58 • • with extensible mattress support **[1, 2006.01]**
- 17/60 • • the cabinet being essentially changed in shape in sleeping position of the bed **[1, 2006.01]**
- 17/62 • • Table beds; Billiard table beds, or like beds **[1, 2006.01]**
- 17/64 • Travelling or camp beds (stretchers A61G 1/00) **[1, 2006.01]**
- 17/66 • • having specially-adapted body-carrying surfaces **[1, 2006.01]**
- 17/68 • • only the legs being foldable **[1, 2006.01]**
- 17/70 • • the bed frame being foldable about a horizontal axis **[1, 2006.01]**
- 17/72 • • • having cross legs (A47C 17/82 takes precedence) **[1, 2006.01]**
- 17/74 • • the bed being foldable about a vertical axis **[1, 2006.01]**
- 17/76 • • having extensible, e.g. telescopic parts **[1, 2006.01]**
- 17/78 • • held in shape by stressed cords **[1, 2006.01]**
- 17/80 • • adapted to be used in or connected to vehicles **[1, 2006.01]**
- 17/82 • • Trunk beds; Travelling-case or like beds **[1, 2006.01]**
- 17/84 • Suspended beds, e.g. suspended from ceiling (hammocks A45F 3/22) **[1, 2006.01]**
- 17/86 • Parts or details specially adapted for beds, sofas or couches not fully covered by any single one of groups A47C 17/02-A47C 17/84 **[1, 2006.01]**
- 19/00 Bedsteads [1, 2006.01]**
- 19/02 • Parts or details of bedsteads not fully covered in a single one of the following subgroups, e.g. bed rails, post rails **[1, 2006.01]**
- 19/04 • Extensible bedsteads, e.g. with adjustment of length, width, height **[1, 2006.01]**
- 19/12 • Folding bedsteads **[1, 2006.01]**
- 19/14 • • of the lazy-tongs type **[1, 2006.01]**
- 19/20 • Multi-stage bedsteads; Bedsteads stackable to multi-stage bedsteads **[1, 2006.01]**
- 19/22 • Combinations of bedsteads with other furniture or with accessories, e.g. with bedside cabinets **[1, 2006.01]**
- 20/00 Head-, foot- or like rests for beds, sofas or the like [2, 2006.01]**
- 20/02 • of detachable type (A47C 20/04, A47C 20/08 take precedence) **[2, 2006.01]**
- 20/04 • with adjustable inclination (A47C 20/08 takes precedence) **[2, 2006.01]**
- 20/06 • • the adjustable part immobilising foldable legs **[2, 2006.01]**
- 20/08 • with means for adjusting two or more rests simultaneously **[2, 2006.01]**
- 20/10 • • using rods **[2, 2006.01]**
- 20/12 • • • using telescopic rods **[2, 2006.01]**
- 20/14 • • using plate and catch **[2, 2006.01]**
- 20/16 • • using toothed parts, e.g. racks **[2, 2006.01]**
- 20/18 • • using friction gearing **[2, 2006.01]**
- 21/00 Attachments for beds, e.g. sheet holders or bed-cover holders** (bed tables supported on the bedstead A47B 23/02); **Ventilating, cooling or heating means in connection with bedsteads or mattresses [1, 5, 2006.01]**
- 21/02 • Sheet holders; Bed-cover holders **[1, 2006.01]**
- 21/04 • Devices for ventilating, cooling or heating **[1, 2006.01]**
- 21/06 • Mattress underlays **[1, 2006.01]**
- 21/08 • Devices for prevention against falling-out, e.g. detachable side walls **[1, 2006.01]**
- 23/00 Spring mattresses with rigid frame or forming part of the bedstead, e.g. box springs; Divan bases; Slatted bed bases [1, 2006.01]**
- 23/02 • using leaf springs, e.g. metal strips (wooden springs A47C 23/06) **[2, 2006.01]**
- 23/04 • using springs in compression, e.g. coiled **[1, 2006.01]**
- 23/043 • • using wound springs **[2, 2006.01]**
- 23/047 • • incorporating inflatable elements **[2, 2006.01]**
- 23/05 • • Frames therefor; Connecting the springs to the frame **[1, 2006.01]**
- 23/053 • • • Attachment or interconnection of springs in frames or in spring units **[2, 2006.01]**
- 23/055 • • • using cords; using textile or rubber bands **[2, 2006.01]**
- 23/057 • • • Hangers or supports for fastening spring units to frame **[2, 2006.01]**
- 23/06 • using wooden springs, e.g. of slat type **[1, 2006.01]**
- 23/12 • using tensioned springs, e.g. of flat type (A47C 23/02 takes precedence) **[1, 2, 2006.01]**
- 23/14 • • forming nets; combined with nets **[1, 2006.01]**
- 23/145 • • • with horizontal interlocking wound springs; Attachment thereof to the frame **[2, 2006.01]**
- 23/15 • • • with braided or crossed flat springs or cords; with horizontal wound springs (A47C 23/145 takes precedence) **[2, 2006.01]**
- 23/155 • • • with combinations of flat springs or link chains with wound springs **[2, 2006.01]**
- 23/16 • • of plane meandering type **[1, 2006.01]**
- 23/18 • • of resilient webbing **[1, 2006.01]**
- 23/20 • • of resilient sheet form **[1, 2006.01]**
- 23/22 • • of tensioned rubber cords or like cords **[1, 2006.01]**
- 23/24 • • using tensioned textile or other non-resilient strips **[1, 2006.01]**
- 23/26 • • Frames therefor; Connecting the springs to the frame **[1, 2006.01]**
- 23/28 • • Tensioning devices therefor **[1, 2006.01]**
- 23/30 • using combinations of springs covered by more than one of the groups A47C 23/02-A47C 23/12; Frames therefor **[1, 2006.01]**
- 23/32 • • Combinations of nets with springs in compression; Frames therefor **[1, 2006.01]**
- 23/34 • with provisions for giving extra support for the head or the legs **[1, 2006.01]**
- 27/00 Spring, stuffed or fluid mattresses specially adapted for chairs, beds or sofas [1, 5, 2006.01]**
- 27/04 • with spring inlays (A47C 27/20 takes precedence) **[1, 2006.01]**
- 27/045 • • Attachment of spring inlays to coverings; Use of stiffening sheets, lattices or grids under spring inlays **[2, 2006.01]**
- 27/05 • • with foamed material in top, bottom, or side layers **[1, 2006.01]**
- 27/06 • • Spring inlays or spring units therefor **[1, 2006.01]**

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| <p>27/07 • • • Attaching, or interconnecting of, springs in spring inlays [2, 2006.01]</p> <p>27/08 • Fluid mattresses [1, 5, 2006.01]</p> <p>27/10 • • with two or more independently-fillable chambers [1, 5, 2006.01]</p> <p>27/12 • with fibrous inlays, e.g. made of wool, of cotton [1, 2006.01]</p> <p>27/14 • with foamed material inlays [1, 2006.01]</p> <p>27/15 • • consisting of two or more layers (A47C 27/16 takes precedence) [2, 2006.01]</p> <p>27/16 • • reinforced with sheet-like elements, e.g. profiled [1, 2006.01]</p> <p>27/18 • • in combination with inflatable bodies [1, 2006.01]</p> <p>27/20 • • with springs moulded in, or situated in openings in foamed material [1, 2006.01]</p> <p>27/22 • with both fibrous and foamed material inlays [1, 2006.01]</p> | <p>29/00 Nets for protection against insects in connection with chairs or beds; Bed canopies [1, 2006.01]</p> <p>31/00 Details or accessories for chairs, beds, or the like, not provided for in other groups of this subclass, e.g. upholstery fasteners, mattress protectors, stretching devices for mattress nets [1, 2006.01]</p> <p>31/02 • Upholstery attaching means [1, 2006.01]</p> <p>31/04 • • Clamps for attaching flat elastic strips or flat meandering springs to frames [1, 2006.01]</p> <p>31/06 • • • for attaching flat meandering springs [1, 2006.01]</p> <p>31/08 • Mattress hand-straps [1, 2006.01]</p> <p>31/10 • Loose furniture covers [1, 2006.01]</p> <p>31/11 • • for chairs [2, 2006.01]</p> <p>31/12 • Means, e.g. measuring means, for adapting chairs, beds or mattresses to the shape or weight of persons [1, 4, 2006.01]</p> |
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