

# CPC COOPERATIVE PATENT CLASSIFICATION

## C CHEMISTRY; METALLURGY

(NOTES omitted)

### CHEMISTRY

#### C14 SKINS; HIDES; PELTS; LEATHER

#### C14B MECHANICAL TREATMENT OR PROCESSING OF SKINS, HIDES OR LEATHER IN GENERAL; PELT-SHEARING MACHINES; INTESTINE-SPLITTING MACHINES (making leather substitutes [B29](#), [D06N](#); making articles from leather [B68F](#); mechanical cleaning of hides or the like [D06G](#); artificial leather [D06N](#))

1/00	<b>Manufacture of leather; Machines or devices therefor</b> {(machines specially adapted for forming upper shoe blanks or shoe leggings by stretching <a href="#">A43D 8/003</a> )}	1/44	. Mechanical treatment of leather surfaces
		1/46	. . Fluffing, buffing, or sanding
		1/48	. . Roughening (by sanding <a href="#">C14B 1/46</a> )
		1/50	. . Glazing
1/02	. Fleshing, unhairing, samming, stretching-out, setting-out, shaving, splitting, or skiving skins, hides, or leather	1/52	. . Brushing or plush-wheeling
		1/54	. . Ironing (pressing or rolling <a href="#">C14B 1/30</a> )
1/04	. . using slicking, scraping, or smoothing-out cylinders or blades fixed on supports, e.g. cylinders, in a plane substantially at right angles to the working surface	1/56	. . Ornamenting, producing designs, embossing (pressing or rolling in general <a href="#">C14B 1/30</a> ; producing design on furs <a href="#">C14B 15/12</a> )
1/06	. . . in machines in which the working piece is maintained in contact with the working tools solely by means of rolls	1/58	. Drying
		1/60	. . Pasting processes (pasting boards <a href="#">C14B 1/26</a> ; chemical part <a href="#">C14C 7/00</a> )
1/08	. . . in machines with flexible bands as bed supporting or counter-pressure elements	1/62	. Winding or stacking hides or leather
1/10	. . . in machines with drums with cylindrical, conical, or similar surfaces for supporting the whole working piece	<b>3/00</b>	<b>Milling leather</b>
1/12	. . . in machines with plane supporting bed-plates	<b>5/00</b>	<b>Clicking, perforating, or cutting leather</b> (for shoe parts, e.g. soles, <a href="#">A43D</a> ; apparatus not specially adapted for leather <a href="#">B26D</a> )
1/14	. . using tools cutting the skin in a plane substantially parallel to its surface	5/02	. Stamps or dies for leather articles
1/16	. . . using fixed or reciprocating knives	5/04	. for making leather belts or strips
1/18	. . . using band knives	5/06	. . Machines for cutting strips spirally from discs of leather
1/20	. . . using circular dished or coned knives	<b>7/00</b>	<b>Special leathers and their manufacture</b>
1/22	. . . using cylindrical knives	7/02	. Composite leathers (with one or more laminae of plastics material <a href="#">B32B</a> )
1/24	. . Cutting or shearing hairs without cutting the skin (shearing furs and plucking hairs for fur manufacturing purposes <a href="#">C14B 15/02</a> )	7/04	. . by cementing or pressing together leather pieces, strips or layers, Reinforcing or stiffening leather by means of reinforcing layers
1/26	. Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards (pasting processes <a href="#">C14B 1/60</a> ; fastening devices <a href="#">C14B 17/08</a> )	7/06	. Leather webs built up of interengaged strips or pieces, e.g. by braiding
1/28	. Machines for treating leather combined with devices for measuring and printing	<b>9/00</b>	<b>Making driving belts or other leather belts or strips</b>
1/30	. Pressing or rolling leather	<b>11/00</b>	<b>Finishing the edges of leather pieces, e.g. by folding, by burning</b> (milling <a href="#">C14B 3/00</a> )
1/32	. . by linear movement of the pressing elements	<b>13/00</b>	<b>Shredding hides or leather</b> (shredding in general <a href="#">B02C</a> )
1/34	. . by rotating movement of the pressing or rolling elements	<b>15/00</b>	<b>Mechanical treatment of furs</b>
1/36	. . . Bridge leather-rolling machines	15/005	. {Tumbling furs or pelts in a rotating drum}
1/38	. Hammering leather	15/02	. Shearing; Removing dead or coarse hairs or bristles by shearing or plucking
1/40	. Softening or making skins or leather supple, e.g. by staking, boarding, or crippling machines, by dry mills	15/04	. Fur dressing
1/42	. . by means of a rotatable drum with radial blades	15/06	. . Fur-stretching devices

C14B

- 15/08 . Application of reinforcing or stiffening layers to fur skins
- 15/10 . Cutting furs; Making fur plates or strips
- 15/12 . Finishing, e.g. pointing furs; Producing designs or patterns
- 17/00 Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs**
- 17/005 . {Inspecting hides or furs}
- 17/02 . Blading cylinders or other working cylinders, e.g. slicking or scraping cylinders
- 17/04 . Work-supports or other counter-pressing elements; Bed rolls or counter-pressing rolls
- 17/06 . Work feeding or clamping devices
- 17/08 . . Fastening devices, e.g. clips for leather-stretching
- 17/10 . Arrangements for driving parts of leather-working machines
- 17/12 . Safety devices specially adapted for leather-working machines
- 17/14 . Auxiliary devices for leather-working machines, e.g. grinding devices for blading cylinders or dust-removal devices combined with the working machines
- 17/16 . {Inspecting hides or furs}
- 19/00 Hand tools specially adapted for the treatment of hides, skins, or leather in the manufacture of leather and furs (equipment and tools for saddlery B68C)**
- 21/00 Splitting intestines; Cutting intestines longitudinally (cleaning or cutting intestines during processing of meat A22C 17/00)**
- 99/00 Subject matter not provided for in other groups of this subclass**
- 2700/00 Mechanical treatment or processing of skins, hides or leather in general; Pelt-shearing machines; Making driving belts; Machines for splitting intestines**
- 2700/01 . Machines or devices for treating skins, hides or leather in general, e.g. fleshing, unhairing, samming, stretching-out, setting-out
- 2700/013 . . using circular, cylindrical or band knives
- 2700/016 . . using slicking, scraping, or smoothing-out cylinders
- 2700/02 . Machines or devices for treating skins, hides and leather using cylinders with helical blades and a tensioning cylinder, cylindrical or conical working table
- 2700/07 . Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards; Fastening devices; Drying of leather
- 2700/10 . Processes and machines for splitting leather and devices for measuring and printing on hides
- 2700/11 . Machines or apparatus for cutting or milling leather or hides
- 2700/113 . . Cutting presses
- 2700/116 . . Perforating machines
- 2700/12 . Pressing or rolling leather
- 2700/14 . Processes or apparatus for setting-out, smoothing, ironing or polishing leather or hides
- 2700/16 . Machines for glazing, plush-wheeling or brushing
- 2700/18 . Machines for producing designs on leather
- 2700/185 . . by means of a bridge leather-rolling machine
- 2700/20 . Processes or apparatus for making leather belts
- 2700/21 . Stretching machines or frames for belts
- 2700/23 . Machines for cutting the skin in a plane substantially parallel to its surface
- 2700/25 . Cutting or shearing hairs without cutting the skin
- 2700/26 . Tools for tanning
- 2700/27 . Rotating drums for treating leather
- 2700/28 . Processes or apparatus for the mechanical treatment of hides or leather not provided for in groups [C14B 2700/01](#) - [C14B 2700/27](#)