

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](#))

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.

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

13/00	Shredding hides or leather (shredding in general B02C)	2700/113	• • Cutting presses
		2700/116	• • Perforating machines
15/00	Mechanical treatment of furs	2700/12	• Pressing or rolling leather
15/005	• {Tumbling furs or pelts in a rotating drum}	2700/14	• Processes or apparatus for setting-out, smoothing, ironing or polishing leather or hides
15/02	• Shearing; Removing dead or coarse hairs or bristles by shearing or plucking	2700/16	• Machines for glazing, plush-wheeling or brushing
15/04	• Fur dressing	2700/18	• Machines for producing designs on leather
15/06	• • Fur-stretching devices	2700/185	• • by means of a bridge leather-rolling machine
15/08	• Application of reinforcing or stiffening layers to fur skins	2700/20	• Processes or apparatus for making leather belts
15/10	• Cutting furs; Making fur plates or strips	2700/21	• Stretching machines or frames for belts
15/12	• Finishing, e.g. pointing furs; Producing designs or patterns	2700/23	• Machines for cutting the skin in a plane substantially parallel to its surface
17/00	Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs	2700/25	• Cutting or shearing hairs without cutting the skin
17/005	• {Inspecting hides or furs}	2700/26	• Tools for tanning
17/02	• Blading cylinders or other working cylinders, e.g. slicking or scraping cylinders	2700/27	• Rotating drums for treating leather
17/04	• Work-supports or other counter-pressing elements; Bed rolls or counter-pressing rolls	2700/28	• Processes or apparatus for the mechanical treatment of hides or leather not provided for in groups C14B 2700/01 - C14B 2700/27
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		
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		