

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

15/08	• Application of reinforcing or stiffening layers to fur skins	2700/185	• . by means of a bridge leather-rolling machine
15/10	• Cutting furs; Making fur plates or strips	2700/20	• Processes or apparatus for making leather belts
15/12	• Finishing, e.g. pointing furs; Producing designs or patterns	2700/21	• Stretching machines or frames for belts
		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		
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		