

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)**
- 15/00** **Mechanical treatment of furs**
- 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
- 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
- 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](#)