CPC - 2020.01

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(COTES 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.

1/00 Manufacture of leather; Machines or devices therefor ((machines specially adapted for forming upper shoe blanks or shoe leggins by stretching A43D 8/003))

1/02 . Fleshing, unhairing, samming, stretching-out, setting-out, shaving, splitting, or skiving skins, hides, or leather

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

1/06 . . in machines in which the working piece is maintained in contact with the working tools solely by means of rolls

1/08 . . in machines with flexible bands as bed supporting or counter-pressure elements

1/10 . . in machines with drums with cylindrical, conical, or similar surfaces for supporting the whole working piece

1/12 . . in machines with plane supporting bed-plates

1/14 . . using tools cutting the skin in a plane substantially parallel to its surface

1/16 . . using fixed or reciprocating knives

1/18 . . using band knives

1/20 . . using circular dressed or coned knives

1/22 . . using cylindrical knives

1/24 . . Cutting or shearing hairs without cutting the skin (shearing furs and plucking hairs for fur manufacturing purposes C14B 15/02)

1/26 . Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards (pasting processes C14B 1/60; fastening devices C14B 17/00)

1/28 . Machines for treating leather combined with devices for measuring and printing

1/30 . Pressing or rolling leather

1/32 . . by linear movement of the pressing elements

1/34 . . by rotating movement of the pressing or rolling elements

1/36 . . Bridge leather-rolling machines

1/38 . Hammering leather

1/40 . Softening or making skins or leather supple, e.g. by staking, boarding, or crippling machines, by dry mills

1/42 . . by means of a rotatable drum with radial blades

1/44 . . Mechanical treatment of leather surfaces

1/46 . . Fluffing, buffing, or sanding

1/48 . . Roughening (by sanding C14B 1/46)

1/50 . . Glazing

1/52 . . Brushing or plush-wheeling

1/54 . . Ironing (pressing or rolling C14B 1/30)

1/56 . . Ornamenting, producing designs, embossing (pressing or rolling in general C14B 1/30; producing design on furs C14B 15/12)

1/58 . Drying

1/60 . . Pasting processes (pasting boards C14B 1/26; chemical part C14C 7/00)

1/62 . . Winding or stacking hides or leather

3/00 Milling leather

5/00 Clicking, perforating, or cutting leather (for shoe parts, e.g. soles, A43D; apparatus not specially adapted for leather B26D)

5/02 . Stamps or dies for leather articles

5/04 . for making leather belts or strips

5/06 . . Machines for cutting strips spirally from discs of leather

7/00 Special leathers and their manufacture

7/02 . Composite leathers (with one or more laminae of plastics material B32B)

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
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; Pelts-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