

CPC**COOPERATIVE PATENT CLASSIFICATION****C14B**

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

C14B 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](#))}

C14B 1/02

- Fleshing, unhairing, samming, stretching-out, setting-out, shaving, splitting, or skiving skins, hides, or leather

C14B 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

C14B 1/06

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

C14B 1/08

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

C14B 1/10

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

C14B 1/12

- . . in machines with plane supporting bed-plates

C14B 1/14

- . using tools cutting the skin in a plane substantially parallel to its surface

C14B 1/16

- . . using fixed or reciprocating knives

C14B 1/18

- . . using band knives

C14B 1/20

- . . using circular dished or coned knives

C14B 1/22

- . . using cylindrical knives

C14B 1/24

- . Cutting or shearing hairs without cutting the skin ([shearing furs and plucking hairs for fur manufacturing purposes C14B 15/02](#))

C14B 1/26

- Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards ([pasting processes C14B 1/60](#); [fastening devices C14B 17/08](#))

C14B 1/28

- Machines for treating leather combined with devices for measuring and printing

C14B 1/30

- Pressing or rolling leather

C14B 1/32

- . by linear movement of the pressing elements

C14B 1/34

- . by rotating movement of the pressing or rolling elements

C14B 1/36

- . . Bridge leather-rolling machines

C14B 1/38

- Hammering leather

C14B 1/40

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

C14B 1/42

- . by means of a rotatable drum with radial blades

C14B 1/44

- Mechanical treatment of leather surfaces

C14B 1/46

- . Fluffing, buffing, or sanding

- C14B 1/48 . . Roughening ([by sanding C14B 1/46](#))
- C14B 1/50 . . Glazing
- C14B 1/52 . . Brushing or plush-wheeling
- C14B 1/54 . . Ironing ([pressing or rolling C14B 1/30](#))
- C14B 1/56 . . Ornamenting, producing designs, embossing ([pressing or rolling in general C14B 1/30](#); [producing design on furs C14B 15/12](#))
- C14B 1/58 . Drying
- C14B 1/60 . . Pasting processes ([pasting boards C14B 1/26](#); [chemical part C14C 7/00](#))
- C14B 1/62 . Winding or stacking hides or leather

C14B 3/00**Milling leather****C14B 5/00**

Clicking, perforating, or cutting leather ([for shoe parts, e.g. soles, A43D](#); [apparatus not specially adapted for leather B26D](#))

- C14B 5/02 . Stamps or dies for leather articles
- C14B 5/04 . for making leather belts or strips
- C14B 5/06 . . Machines for cutting strips spirally from discs of leather

C14B 7/00**Special leathers and their manufacture**

- C14B 7/02 . Composite leathers ([with one or more laminae of plastics material B32B](#))
- C14B 7/04 . . by cementing or pressing together leather pieces, strips or layers, Reinforcing or stiffening leather by means of reinforcing layers
- C14B 7/06 . Leather webs built up of interengaged strips or pieces, e.g. by braiding

C14B 9/00**Making driving belts or other leather belts or strips****C14B 11/00**

Finishing the edges of leather pieces, e.g. by folding, by burning ([milling C14B 3/00](#))

C14B 13/00

Shredding hides or leather ([shredding in general B02C](#))

C14B 15/00**Mechanical treatment of furs**

- C14B 15/005 . {[Tumbling furs or pelts in a rotating drum](#)}
- C14B 15/02 . Shearing; Removing dead or coarse hairs or bristles by shearing or plucking
- C14B 15/04 . Fur dressing
- C14B 15/06 . . Fur-stretching devices
- C14B 15/08 . Application of reinforcing or stiffening layers to fur skins
- C14B 15/10 . Cutting furs; Making fur plates or strips
- C14B 15/12 . Finishing, e.g. pointing furs; Producing designs or patterns

C14B 17/00

Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs

- C14B 17/005 . {[Inspecting hides or furs](#)}
- C14B 17/02 . Blading cylinders or other working cylinders, e.g. slicking or scraping cylinders

- C14B 17/04 . Work-supports or other counter-pressing elements; Bed rolls or counter-pressing rolls
- C14B 17/06 . Work feeding or clamping devices
- C14B 17/08 . . Fastening devices, e.g. clips for leather-stretching
- C14B 17/10 . Arrangements for driving parts of leather-working machines
- C14B 17/12 . Safety devices specially adapted for leather-working machines
- C14B 17/14 . Auxiliary devices for leather-working machines, e.g. grinding devices for blading cylinders or dust-removal devices combined with the working machines
- C14B 17/16 . {Inspecting hides or furs}

- C14B 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](#))

- C14B 21/00** **Splitting intestines; Cutting intestines longitudinally** ([cleaning or cutting intestines during processing of meat A22C 17/00](#))

- C14B 99/00** **Subject matter not provided for in other groups of this subclass**

- C14B 2700/00** **Mechanical treatment or processing of skins, hides or leather in general; Pelt-shearing machines; Making driving belts; Machines for splitting intestines**
- C14B 2700/01 . Machines or devices for treating skins, hides or leather in general, e.g. fleshing, unhairing, samming, stretching-out, setting-out
- C14B 2700/013 . . using circular, cylindrical or band knives
- C14B 2700/016 . . using slicking, scraping, or smoothing-out cylinders
- C14B 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
- C14B 2700/07 . Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards; Fastening devices; Drying of leather
- C14B 2700/10 . Processes and machines for splitting leather and devices for measuring and printing on hides
- C14B 2700/11 . Machines or apparatus for cutting or milling leather or hides
- C14B 2700/113 . . Cutting presses
- C14B 2700/116 . . Perforating machines
- C14B 2700/12 . Pressing or rolling leather
- C14B 2700/14 . Processes or apparatus for setting-out, smoothing, ironing or polishing leather or hides
- C14B 2700/16 . Machines for glazing, plush-wheeling or brushing
- C14B 2700/18 . Machines for producing designs on leather
- C14B 2700/185 . . by means of a bridge leather-rolling machine
- C14B 2700/20 . Processes or apparatus for making leather belts
- C14B 2700/21 . Stretching machines or frames for belts
- C14B 2700/23 . Machines for cutting the skin in a plane substantially parallel to its surface
- C14B 2700/25 . Cutting or shearing hairs without cutting the skin
- C14B 2700/26 . Tools for tanning

[C14B 2700/27](#)

- Rotating drums for treating leather

[C14B 2700/28](#)

- Processes or apparatus for the mechanical treatment of hides or leather not provided for in groups [C14B 2700/01](#) - [C14B 2700/27](#)