

**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 ( <a href="#">pressing or rolling C14B 1/30</a> )
C14B 1/56	.. Ornamenting, producing designs, embossing ( <a href="#">pressing or rolling in general C14B 1/30</a> ; <a href="#">producing design on furs C14B 15/12</a> )
C14B 1/58	. Drying
C14B 1/60	.. Pasting processes ( <a href="#">pasting boards C14B 1/26</a> ; chemical part <a href="#">C14C 7/00</a> )
C14B 1/62	. Winding or stacking hides or leather
<b>C14B 3/00</b>	<b>Milling leather</b>
<b>C14B 5/00</b>	<b>Clicking, perforating, or cutting leather</b> (for shoe parts, e.g. soles, <a href="#">A43D</a> ; apparatus not specially adapted for leather <a href="#">B26D</a> )
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
<b>C14B 7/00</b>	<b>Special leathers and their manufacture</b>
C14B 7/02	. Composite leathers ( <a href="#">with one or more laminae of plastics material B32B</a> )
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
<b>C14B 9/00</b>	<b>Making driving belts or other leather belts or strips</b>
<b>C14B 11/00</b>	<b>Finishing the edges of leather pieces, e.g. by folding, by burning</b> ( <a href="#">milling C14B 3/00</a> )
<b>C14B 13/00</b>	<b>Shredding hides or leather</b> ( <a href="#">shredding in general B02C</a> )
<b>C14B 15/00</b>	<b>Mechanical treatment of furs</b>
C14B 15/005	. { <a href="#">Tumbling furs or pelts in a rotating drum</a> }
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
<b>C14B 17/00</b>	<b>Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs</b>
C14B 17/005	. { <a href="#">Inspecting hides or furs</a> }
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
<b>C14B 19/00</b>	<b>Hand tools specially adapted for the treatment of hides, skins, or leather in the manufacture of leather and furs</b> ( <a href="#">equipment and tools for saddlery B68C</a> )
<b>C14B 21/00</b>	<b>Splitting intestines; Cutting intestines longitudinally</b> ( <a href="#">cleaning or cutting intestines during processing of meat A22C 17/00</a> )
<b>C14B 99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>
<b>C14B 2700/00</b>	<b>Mechanical treatment or processing of skins, hides or leather in general; Pelt-shearing machines; Making driving belts; Machines for splitting intestines</b>
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 <a href="#">C14B 2700/01</a> to <a href="#">C14B 2700/27</a>