

Title (en)

METHOD FOR TANNING ANIMAL SKINS AND THUS OBTAINED TANNED LEATHER

Title (de)

VERFAHREN ZUR GERBUNG VON TIERHÄUTEN UND DAMIT HERGESTELLTES, GEGERBTES LEDER

Title (fr)

PROCÉDÉ DE TANNAGE DE PEAUX D'ANIMAUX ET CUIR TANNÉ AINSI OBTENU

Publication

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Application

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Abstract (en)

[origin: WO2015127935A1] The invention relates to a method for tanning hides, comprising the following steps: softening the hides in liquid at a pH value in a range of approximately 7 to approximately 10, unhairing the hides in liquid at a pH value of up to 13, dewatering the dripping-wet hides by 5 to 40 wt%, treating the moist hides in a pressure vessel at a pressure of 5 to 60 bar for a pressure treatment time of 60 to 360 minutes, wherein the pressure is built up by feeding carbon dioxide, introducing a tanning solution into the pressure vessel, wherein the mass of the tanning solution preferably corresponds at least substantially to the mass by which the dripping-wet hides have been dewatered in the dewatering step, lowering the pressure in the pressure vessel at least substantially continuously to ambient pressure over a pressure-relief time period of 15 to 90 minutes. Consequently, the method according to the invention leads to significantly reduced wastewater, and thus significantly reduced environmental impact, in relation to known tanning methods while achieving at least the same quality of the tanned leather.

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