

Title (en)

Process for producing leather.

Title (de)

Verfahren zur Herstellung von Leder aus Tierhäuten.

Title (fr)

Procédé de fabrication du cuir.

Publication

**EP 0624654 A3 19950705 (DE)**

Application

**EP 94107373 A 19940511**

Priority

DE 4315734 A 19930511

Abstract (en)

[origin: EP0624654A2] The invention relates to a process for producing leather from animal skins. In a first step, the animal skins are treated with milk of lime and optionally sodium sulphide to produce leather preproducts. The leather preproducts are then delimed in a vessel (1) containing an aqueous treatment liquid by addition of carbon dioxide to the treatment liquid. Owing to the resulting shift in the pH, the sulphidic compounds still present in the protein structure of the leather preproducts are converted into mercaptans and hydrogen sulphide. To prevent any escape of these volatile, toxic, aggressive and malodorous compounds, it is proposed that the treatment liquid have added to it an oxidising agent, especially technically pure oxygen. For this the treatment liquid is withdrawn from the vessel (1) and transferred into a reactor (6). Carbon dioxide and oxygen are passed into the reactor via lines (14, 11). The treatment liquid loaded with the carbon dioxide and the oxygen is finally returned into the vessel (1) via line (15).

IPC 1-7

**C14C 1/08**

IPC 8 full level

**C14C 1/08** (2006.01)

CPC (source: EP)

**C14C 1/08** (2013.01)

Citation (search report)

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- [A] FR 2351175 A1 19771209 - ROEHM GMBH [DE]
- [XA] KLAASSE, M. J.: "CO<sub>2</sub>-DELIMING", JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, vol. 85, no. 11, November 1990 (1990-11-01), CINCINNATI US, pages 431 - 441, XP000216607

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US5900027A; CN110150537A; DE19507572A1

Designated contracting state (EPC)

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**EP 0624654 A2 19941117; EP 0624654 A3 19950705**; DE 4315734 A1 19941117; HU 214199 B 19980128; HU 9401447 D0 19940829; HU T67579 A 19950428

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