

Title (en)
Process for tanning fish skins

Title (de)
Verfahren zur Gerbung von Fischhäuten

Title (fr)
Procédé de tannage des peaux de poisson

Publication
EP 0575632 B1 19960904 (DE)

Application
EP 92108180 A 19920625

Priority
EP 92108180 A 19920625

Abstract (en)
[origin: EP0575632A1] 1. Skin the fish by machine or hand and weigh. 2. Introduce the skins with plenty of salt into boxes or other containers. 3. Add an amount of water between 50% and 90% of the weight of the skins and between 0.5% and 5% of a soap at a speed of 0.5 to 5 rpm, period of rotation 1-2 hours. 4. Discharge the water. 5. Between 30% and 150% of water relative to the starting weight of the skins, the salt to be added is such as to produce 7/7.5 8E (Beaumé). Start the rotation of the tanning drum at 1 rpm. Add dilute sulphuric acid to produce a pH of 2.8. The period of rotation depended on reaching the desired pH. 6. Add a chrome tannin in powder form based on chromium sulphate in a proportion between 1% and 2.5%. Period of rotation between 30 minutes and 10 hours at 1 rpm. 7. Add between 0.1% and 2% of a fungicide/algicide diluted with water, then 2%-3% of a self-basifying chrome tannin (chromium sulphate tannin in powder form), allow to rotate together for 2-5 hours at 1 rpm. 8. Add a chromium oxide-containing tannin 7.2% thereof between 1% and 10%, leave the liquid in the drum between 2 hours and 20 hours. Speed of rotation: 3 rpm. 9. Add between 1% and 15% of a synthetic fat after 2-15 minutes. 10. Add water in an amount between 10% and 300%. Water temperature between 25 DEG C and 70 DEG C, 5 to 7 rpm, period of rotation 12-18 hours. 11. Discharge the liquid. 12. Introduce between 50% and 400% of water, temperature between 30 DEG C and 80 DEG C, add a neutralising retannin (chromium-containing, light fast, synthetic, with particularly good chromium exhaustion) between 1% and 10%, sufficient for the pH to be 6. pH = 6. Increase speed to 10 rpm. 13. Discharge liquid. 14. Add between 50% and 500% of water, temperature between 30 DEG C and 70 DEG C, a combination of selected natural fats, dissolved beforehand in an amount between 1% and 30% thereof in water, at a water temperature of between 50 DEG C and 80 DEG C. Then we further add straight-chain hydrocarbons which have been identified as synthetic fat, in an amount between 1% and 30%. Period of rotation between 30 minutes and 3 hours.

IPC 1-7
C14C 13/00; **C14C 3/28**

IPC 8 full level
C14C 3/28 (2006.01); **C14C 13/00** (2006.01)

CPC (source: EP)
C14C 3/28 (2013.01); **C14C 13/00** (2013.01)

Citation (examination)
• Prospekt der Firma Bayer: "Baychrom C-Verfahren: Chromgerbung mit hoher Flottenauszehrung".
• Prospekt der Firma Bayer: "Baychrom C-Verfahren: Chromgerbung und Chromnachgerbung mit hoher Flottenauszehrung".

Cited by
CN1044820C; CN103436643A; RU2704442C1; EP3594367A1; FR3083805A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0575632 A1 19931229; **EP 0575632 B1 19960904**; AT E142279 T1 19960915; DE 59207060 D1 19961010; DK 0575632 T3 19970224; ES 2094844 T3 19970201

DOCDB simple family (application)
EP 92108180 A 19920625; AT 92108180 T 19920625; DE 59207060 T 19920625; DK 92108180 T 19920625; ES 92108180 T 19920625