

Title (en)
Tanning agent and method of tanning

Title (de)
Gerbmittel und Gerbverfahren

Title (fr)
Agent tannant et procédé de tannage

Publication
EP 0607554 B1 19970305 (DE)

Application
EP 93119884 A 19931209

Priority
DE 4242076 A 19921214

Abstract (en)
[origin: DE4242076A1] A tanning agent contains (A) as active tanning material an omega,omega'-dialdehyde of formula $O=CH-(CH_2)_r-CH=O$ (I), opt. in deactivated form and (B) a polymer (P) contg. OH gps., from (a) 95-0 wt.% of monomers of formula $R_2HC=C(R_1)-COOH$ (II), or of formula (II-a), b) 0-90% of monomers contg. OH gps. of formula $CH_2=C(R_3)-C(O)-OR_4$ (III), (c) 0-100% of monomers of formula $CH_2=CH-O-C(O)-R_5$ (IV), and (d) 0-80% of monomers of formula $CH_2=C(R_3)-COOR_6$. $r = 2-8$; $R_1 = H, Me$ or CH_2COOH ; $R_2 = H, Me, Ph$ or $COOH$; and (II) contains not more than 2 COOH; $A = HC=CH$ or $H_2C=C-CH$; $R_3, R'_3 = H$ or Me ; $R_4 = 1-12C$ (cyclo)alkyl with at least 1 OH; $R_5 = 1-2C$ alkyl; $R_6 = 1-12C$ (cyclo)alkyl. USE/ADVANTAGE - The tanning agent is used to prepare leather from unhaired hides, and in pickling, tanning or post-tanning. Self-condensation of the dialdehyde is prevented. The polymer, modified with the aldehyde, penetrates deeper into the skin, levels dyeing and gives easier paring. In a low-chrome post-tanning, distribution of chrome is more uniform.

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C14C 3/08; C14C 3/28

IPC 8 full level
C14C 3/22 (2006.01); **C14C 3/08** (2006.01); **C14C 3/28** (2006.01)

CPC (source: EP KR US)
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Cited by
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DE 4242076 A1 19940616; AT E149573 T1 19970315; BR 9305035 A 19940621; DE 59305626 D1 19970410; EP 0607554 A1 19940727; EP 0607554 B1 19970305; ES 2099357 T3 19970516; JP H06212200 A 19940802; KR 940014813 A 19940719; TW 229232 B 19940901; US 5492539 A 19960220; US 5505864 A 19960409

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