

Title (en)

LEATHER-TREATING AGENT AND ITS USE

Publication

EP 0209780 B1 19890208 (DE)

Application

EP 86109234 A 19860707

Priority

DE 3525605 A 19850718

Abstract (en)

1. Agents for the treatment of leather, characterized in that they contain a mixture a) of a carboxylic acid of the general formula X - COOH wherein X represents a radical of the formula -[R-CO-Z-(R'-Z)a]b -CO-R-COOH in which a and b denote an integer from 1-100, Z denotes NR1 , O or S, wherein R1 = H or C1 -C4 -alkyl, which can be substituted by OH or C1 -C4 -alkoxy, R denotes C1 -C2 -alkylene, which can be substituted by NH2, -CH =CH-, phenylene, which can be substituted by C1 -C4 -alkyl, or a direct bond and R' denotes C2 -C20 -alkylene, which can be interrupted by see diagramm : EP0209780,P6,F5 or -NR1 -, or denotes cyclohexylene or represents -R"-(Z-R')c -Z-CO-R-COOH in which Z, R and R' have the same meaning as in formula 1, c denotes zero or an integer from 1-100, R" denotes C1 -C20 -alkylene or phenylene, which can be substituted by C1 -C4 -alkyl, or see diagramm : EP0209780,P6,F1 in which Z, R, R' and c have the abovementioned meaning, k denotes an integer from 1 to 6, l denotes zero or an integer from 1 to 5, k+l denotes not more than 6, R"" denotes a k+l-valent C2 -C6 -alkylene radical and R**IV denotes C1 -C12 -alkyl, phenyl, which can be substituted by C1 -C4 -alkyl, or -R-COOR**V wherein R**V = C1 -C12 -alkyl, and the number of carboxyl groups in (I) and (II) is greater than the number of amino groups, and b) a compound containing at least one primary, secondary or tertiary amino group, with a molecular weight of 200-20,000.

IPC 1-7

C14C 3/08; C14C 1/08; C14C 9/02; D06P 3/32

IPC 8 full level

C14C 3/26 (2006.01); C14C 1/08 (2006.01); C14C 3/00 (2006.01); C14C 3/02 (2006.01); C14C 3/08 (2006.01); C14C 9/00 (2006.01); C14C 9/02 (2006.01); C14C 11/00 (2006.01); D06P 1/613 (2006.01); D06P 1/642 (2006.01); D06P 1/649 (2006.01); D06P 1/651 (2006.01); D06P 3/32 (2006.01)

CPC (source: EP US)

C14C 3/00 (2013.01 - EP US); C14C 3/08 (2013.01 - EP US); C14C 9/02 (2013.01 - EP US); D06P 1/6138 (2013.01 - EP US); D06P 1/642 (2013.01 - EP US); D06P 1/6492 (2013.01 - EP US); D06P 1/65125 (2013.01 - EP US); D06P 3/32 (2013.01 - EP US)

Cited by

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EP 0209780 A2 19870128; EP 0209780 A3 19871111; EP 0209780 B1 19890208; CA 1285351 C 19910702; DE 3525605 A1 19870122; DE 3662058 D1 19890316; ES 2000358 A6 19880216; JP S6220599 A 19870129; US 5103521 A 19920414

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