

Title (en)

METHOD OF RETANNING LEATHER WITH ACRYLIC OLIGOMERS

Publication

**EP 0061420 B1 19851030 (DE)**

Application

**EP 82810091 A 19820301**

Priority

- CH 152881 A 19810306
- CH 820181 A 19811222

Abstract (en)

[origin: ES8302784A1] The invention relates to oligomers containing structural units of the formulae < IMAGE > +TR < IMAGE > wherein X1 is -CN, -COOR1, -OOCR2 or -CONHR3, Y1 is -COOH or -COOM2, Y2 is -CONH2, -CH2OH, -OCH3 or -OC2H5, each of Z1, Z2 and Z3 is hydrogen, methyl or ethyl, each of M1 and M2 is an amine cation, an ammonium cation or an alkali metal cation, and each of R1, R2 and R3 is C1-C8alkyl, C1-C8-hydroxyalkyl or alkoxyalkyl containing altogether at most 8 carbon atoms, fatliquoring the treated leather and drying it, and, if appropriate, additionally dyeing said treated leather before or after it has been fatliquored. These oligomers are suitable for use as tanning agents in a process for retanning chrome-tanned leather. The oligomers are prepared by copolymerizing comonomers of the acrylic acid series corresponding to the structural units of the indicated formulae, in the presence of sulfite or hydrogen sulfites of the formulae SO<sub>3</sub>(M)<sub>2</sub> or HSO<sub>3</sub>M, and have an average molecular weight of at most 14,000.

IPC 1-7

**C14C 3/22**; **C14C 3/28**

IPC 8 full level

**C14C 3/22** (2006.01); **C14C 3/28** (2006.01)

CPC (source: EP US)

**C14C 3/22** (2013.01 - EP US); **C14C 3/28** (2013.01 - EP US)

Cited by

US4526581A; CN104328229A; CN104313204A; EP0163057A1; FR2701716A1; ES2097695A1; US4596581A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0061420 A1 19820929**; **EP 0061420 B1 19851030**; **EP 0061420 B2 19920129**; AR 243557 A1 19930831; CA 1192703 A 19850903; DE 3267088 D1 19851205; ES 510160 A0 19830201; ES 8302784 A1 19830201; US 4439201 A 19840327

DOCDB simple family (application)

**EP 82810091 A 19820301**; AR 28863182 A 19820304; CA 397618 A 19820304; DE 3267088 T 19820301; ES 510160 A 19820305; US 35311482 A 19820301