

Title (en)

METHOD OF RETANNING MINERAL TANNED LEATHER WITH AROMATIC SULFONIC ACIDS

Publication

EP 0024014 B1 19820519 (DE)

Application

EP 80104522 A 19800731

Priority

DE 2932688 A 19790811

Abstract (en)

[origin: EP0024014A1] 1. Process for re-tanning mineral-tanned leathers, characterised in that sulphonic acids, and salts thereof, of the general formula see diagramm : EP0024014,P5,F5 wherein R represents the radical see diagramm : EP0024014,P5,F6 see diagramm : EP0024014,P5,F7 see diagramm : EP0024014,P5,F8 R1 represents hydrogen or methyl, X represents hydrogen, an alkali metal ion, in particular a sodium or potassium ion, or an ammonium ion and n represents a number from 1-4, and wherein SO₃ X is bonded to phenyl, are used as the re-tanning agents.

IPC 1-7

C14C 3/28; **D06P 1/62**; **D06P 3/32**

IPC 8 full level

C14C 3/26 (2006.01); **C14C 3/04** (2006.01); **C14C 3/08** (2006.01); **C14C 3/28** (2006.01); **D06P 1/62** (2006.01); **D06P 3/32** (2006.01)

CPC (source: EP)

C14C 3/08 (2013.01); **C14C 3/28** (2013.01); **D06P 1/625** (2013.01); **D06P 3/32** (2013.01)

Cited by

EP0347373A1; CN102282269A; EP0470465A1; US5352241A; FR2658211A1; BE1005672A3; US6922431B1; US8679195B2; WO2010130311A1

Designated contracting state (EPC)

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EP 0024014 A1 19810218; **EP 0024014 B1 19820519**; AR 220483 A1 19801031; BR 8005016 A 19810224; DE 2932688 A1 19810226; DE 3060449 D1 19820708; ES 494117 A0 19810316; ES 8104420 A1 19810316; JP S5628300 A 19810319; JP S6318640 B2 19880419

DOCDB simple family (application)

EP 80104522 A 19800731; AR 28211880 A 19800811; BR 8005016 A 19800808; DE 2932688 A 19790811; DE 3060449 T 19800731; ES 494117 A 19800808; JP 10779880 A 19800807