

Title (en)

Method of preparing salts of sulphonated phosphoric acid esters and their use as leather-oiling agents.

Title (de)

Verfahren zur Herstellung von Salzen sulfonierter Phosphorsäureester und ihre Verwendung als Lederfettungsmittel.

Title (fr)

Procédé de fabrication de sels d'esters phosphoriques sulfonés et leur utilisation comme graisses pour cuirs.

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Application

EP 91903401 A 19910204

Priority

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- EP 9100206 W 19910204

Abstract (en)

[origin: DE4004293A1] The invention concerns leather-oiling agents, a process for producing leathers with good water-resistance characteristics and the use of sulphonated phosphoric acid ester salts for producing leathers with good water-resistance characteristics.

[origin: DE4004293A1] A dubbing agent for leather contains alkali, amine and/or NH₄ salts of sulphonated phosphoric acid esters, obtd. by reacting phosphoric acid esters of formula I with sulphonating agents, followed by hydrolysis with alkali hydroxides, NH₄OH and/or amines. R₁ = 8-22C alkyl or alkenyl; R₂, R₃ = H or 8-22C alkyl or alkenyl; m, n, p = 2-4; x, y, z = 0-30. Pref. R₁ = 12-18C alkyl or alkenyl; R₂, R₃ = H or 12-18C alkyl or alkenyl; m, n, p = 2; x, y, z = 0-10. Leather, tanned, post-tanned or dyed, is dubbed with the esters, the dubbing bath is brought to pH 3.5-4.1 with acid, and the ester salts are fixed on and in the leather by addn. of Cr and/or Al tanning agents. The salts, pref. alkali salts, of the esters are used, opt. with other dubbing agents, in amt. of 1-20 (2-14) wt.%, w.r.t. pared leather, and the bath is brought to pH 3.8-4.0 with formic, acetic and/or sulphuric acid.

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