

Title (en)  
A PROCESS FOR THE PREPARATION OF A SYNTHETIC TANNING AGENT

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES SYNTHETISCHEN GERBSTOFFS

Title (fr)  
PROCEDE DE PREPARATION D'UN AGENT DE TANNAGE SYNTHETIQUE

Publication  
**EP 1656460 A1 20060517 (EN)**

Application  
**EP 03817975 A 20030812**

Priority  
IB 0303592 W 20030812

Abstract (en)  
[origin: WO2005014865A1] A process for the preparation of a synthetic tanning agent is disclosed whereby multi functional polymer is polymerized with sulfonated aromatic compound, pretreated with organic ligand to form an organo-polymeric matrix, free from formaldehyde. The product has potential application in leather industry for not only ensuring an eco-friendly approach in chrome tanning by way of eliminating the conventional pickling process and the resulting problem of total dissolved solids (TDS) associated with the effluent, but also suggesting an exhaust aid for chrome because of its multiple carboxyl groups. The product can also be used as a retanning agent in leather processing.

IPC 1-7  
**C14C 3/20**; **C14C 3/22**

IPC 8 full level  
**C14C 3/20** (2006.01); **C14C 3/22** (2006.01)

CPC (source: EP)  
**C14C 3/20** (2013.01); **C14C 3/22** (2013.01)

Citation (search report)  
See references of WO 2005014865A1

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**WO 2005014865 A1 20050217**; AU 2003250493 A1 20050225; AU 2003250493 B2 20090528; CN 100535126 C 20090902; CN 1839207 A 20060927; DE 60327001 D1 20090514; EP 1656460 A1 20060517; EP 1656460 B1 20090401

DOCDB simple family (application)  
**IB 0303592 W 20030812**; AU 2003250493 A 20030812; CN 03827048 A 20030812; DE 60327001 T 20030812; EP 03817975 A 20030812