

Title (en)
EMULSIFYING AGENT COMPOSITION AND LOW-FOGGING, HIGH-EXHAUST STUFFING AGENT, THE PRODUCTION AND UTILIZATION THEREOF

Title (de)
EMULGATORZUSAMMENSETZUNG UND FOGGING-ARME, HOCHHAUSZEHRENDE FETTUNGSMITTEL, IHRE HERSTELLUNG UND VERWENDUNG

Title (fr)
COMPOSITION EMULSIFIANTE ET AGENTS DE GRAISSAGE HAUTEMENT DEGRADABLES A FAIBLE BRUMISATION, SA PRODUCTION ET SON UTILISATION

Publication
EP 1427861 A1 20040616 (DE)

Application
EP 02777026 A 20020906

Priority
• DE 10143949 A 20010907
• EP 0210017 W 20020906

Abstract (en)
[origin: DE10143949A1] Emulsifier composition containing elthoxylated alkanols. An emulsifier composition consisting of three components A, B, and C, where component A comprises a 6-14C alkoxyated alkanol with 4-12 AO units, component B 12-14C alkoxyated fat- alcohol mixture with 5-30 AO units, and component C 12-24C alkoxyated fat-alcohol mixture with 40-100 AO units, where AO = alkylene oxide. Independent claims are included for: (1) a stuffing agent for stuffing leather including one or more modified, native fatty substances and optionally synthetic stuffing agent, emulsifiers, and optionally dilution agents, especially water, and the above emulsifier composition; and (2) a method for stuffing leather and hides by treatment with aqueous liquors containing a stuffing agent and emulsifiers, where 10-90, preferably 25-75 wt.% of the stuffing agent is a relatively highly oxidized, relatively poorly sulfited neutral oil and the liquor contains 1-10, preferably 2.5-7.5 wt.% of the above emulsifier composition.

IPC 1-7
C14C 9/02; C11D 1/72

IPC 8 full level
A61L 15/00 (2006.01); **A61L 15/22** (2006.01); **A61L 15/60** (2006.01); **B01J 8/10** (2006.01); **C08F 2/01** (2006.01); **C08F 6/00** (2006.01); **C09K 23/42** (2022.01); **C14C 9/02** (2006.01); **F26B 3/20** (2006.01); **F26B 5/04** (2006.01); **F26B 21/14** (2006.01); **F26B 25/00** (2006.01)

CPC (source: EP KR US)
B01J 8/10 (2013.01 - EP US); **C08F 6/00** (2013.01 - EP US); **C08F 6/001** (2013.01 - EP US); **C08F 6/008** (2013.01 - EP US); **C14C 9/02** (2013.01 - EP KR US); **B01J 2208/00672** (2013.01 - EP US); **B01J 2219/00033** (2013.01 - EP US)

Citation (search report)
See references of WO 03023069A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
DE 10143949 A1 20030327; AR 036417 A1 20040908; BR 0212245 A 20041005; CN 1238527 C 20060125; CN 1551924 A 20041201; EP 1427861 A1 20040616; JP 2005502458 A 20050127; KR 20040044859 A 20040531; US 2004216241 A1 20041104; WO 03023069 A1 20030320

DOCDB simple family (application)
DE 10143949 A 20010907; AR P020103322 A 20020903; BR 0212245 A 20020906; CN 02817316 A 20020906; EP 0210017 W 20020906; EP 02777026 A 20020906; JP 2003527131 A 20020906; KR 20047003360 A 20040305; US 48753604 A 20040224