

Title (en)
NOVEL SYMMETRICAL SUBSTITUTED BENZALDEHYDE ALDITOL DERIVATIVES AND COMPOSITIONS AND ARTICLES CONTAINING SAME

Title (de)
NEUE SYMMETRISCH SUBSTITUIERTE BENZALDEHYDALDITOLDERIVATE UND DIESE ENTHALTENDE ZUSAMMENSETZUNGEN UND GEGENSTÄNDE

Title (fr)
NOUVEAUX DERIVES D'ALDITOL DE BENZALDEHYDE A SUBSTITUTION SYMETRIQUE ET COMPOSITIONS ET ARTICLES LES CONTENANT

Publication
EP 1425342 A2 20040609 (EN)

Application
EP 02753760 A 20020301

Priority
• US 0206369 W 20020301
• US 81547601 A 20010323
• US 81563001 A 20010323

Abstract (en)
[origin: WO02077086A2] Plastic additives which are useful as nucleating agents and which are especially useful for improving the optical properties of polymeric materials are provided. More particularly, this invention relates to certain alkyl (or alkoxy) substituted halo-benzylidene sorbitol acetals, as well as symmetric DBS compounds comprising specific pendant groups, such as C3-C6 alkyl, C1-C6 alkoxy, nitro, as well as phenyl and methylenedioxy (as the combination of two available sites on the pertinent ring system), and furthermore the benzylidene rings may be indan or tetralin, and polymer compositions thereof any such compounds and mixtures thereof. Such compounds may be utilized within, as merely examples, food or cosmetic containers and packaging. The inventive halogenated (that is, chlorinated, brominated, or iodinated) and alkylated benzylidene sorbitol acetals are also useful as gelling agents for water and organic solvents, particularly those used in the preparation of antiperspirant gel sticks.

IPC 1-7
C08K 5/15

IPC 8 full level
A61K 8/00 (2006.01); **A61K 8/34** (2006.01); **A61K 8/49** (2006.01); **A61Q 15/00** (2006.01); **C07D 493/04** (2006.01); **C08K 5/156** (2006.01); **C08K 5/1575** (2006.01); **C08L 23/00** (2006.01)

CPC (source: EP)
A61K 8/042 (2013.01); **A61K 8/345** (2013.01); **A61K 8/498** (2013.01); **A61Q 15/00** (2013.01); **C07D 493/04** (2013.01); **C08K 5/156** (2013.01)

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

DOCDB simple family (publication)
WO 02077086 A2 20021003; **WO 02077086 A3 20040226**; AU 2002335911 A1 20021008; CN 1514851 A 20040721; EP 1425342 A2 20040609; EP 1425342 A4 20050105; JP 2004533423 A 20041104

DOCDB simple family (application)
US 0206369 W 20020301; AU 2002335911 A 20020301; CN 02807020 A 20020301; EP 02753760 A 20020301; JP 2002576540 A 20020301