

Title (en)

BIODEGRADABLE PHENOLIC POLYACETALS HAVING ANTIRADICAL, ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES

Title (de)

BIOLOGISCH ABBAUBARE PHENOLISCHE POLYACETALE MIT ANTIRADIKALEN, ANTIOXIDATIVEN UND ANTIMIKROBIELLEN EIGENSCHAFTEN

Title (fr)

POLYACETALS PHENOLIQUES BIODEGRADABLES AYANT DES PROPRIETES ANTIRADICALAIRES, ANTIOXYDANTES ET ANTIMICROBIENNES

Publication

EP 3625277 A1 20200325 (FR)

Application

EP 18735356 A 20180516

Priority

- FR 1754374 A 20170517
- FR 1758091 A 20170901
- FR 2018051176 W 20180516

Abstract (en)

[origin: WO2018211213A1] The present invention relates to phenolic polymers. More particularly, it relates to phenolic polyacetals, the preparation process thereof and applications thereof. By way of example, these polymers can be obtained from vanillin or eugenol. In a particular embodiment, the phenolic functions of the polyacetals are free. The polyacetals according to the invention can be obtained from bio-based starting materials.

IPC 8 full level

C08G 4/00 (2006.01)

CPC (source: EP)

A61P 39/06 (2017.12); **C08G 4/00** (2013.01)

Citation (search report)

See references of WO 2018211213A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018211213 A1 20181122; EP 3625277 A1 20200325; FR 3066493 A1 20181123; FR 3066494 A1 20181123; FR 3066494 B1 20200117

DOCDB simple family (application)

FR 2018051176 W 20180516; EP 18735356 A 20180516; FR 1754374 A 20170517; FR 1758091 A 20170901