

Title (en)

DIFUNCTIONAL GRAFTING AGENT BASED ON PHENOLIC BACKBONE FROM LIGNIN

Title (de)

DIFUNKTIONELLES PFROPFMITTEL AUF DER BASIS VON PHENOLISCHEM RÜCKGRAT AUS LIGNIN

Title (fr)

AGENT DE GREFFAGE DIFONCTIONNEL À BASE D'UN SQUELETTE PHÉNOLIQUE PROVENANT DE LIGNINE

Publication

EP 3445753 A1 20190227 (EN)

Application

EP 17720902 A 20170424

Priority

- SE 1650546 A 20160422
- SE 2017050396 W 20170424

Abstract (en)

[origin: WO2017184072A1] The present invention relates to a grafting agent derived from lignin having the general formula of wherein R1 is selected from substituted or unsubstituted epoxide group, aldehyde group, alkene group, thiol, hydroxyl or a carboxylic acid group, R2 is selected from hydrogen, an alkoxy group, an alkyl group, an alkyl aryl group, thiol, hydroxyl or an alkyl epoxide group, R3 is hydrogen, alkyne group, an alkene group, alkyl hydroxyl group or an alkyl epoxide group and R4 is hydrogen or a methoxy group.

IPC 8 full level

C07D 303/23 (2006.01); **C07D 301/12** (2006.01); **C07D 301/28** (2006.01); **C08B 15/00** (2006.01); **C08B 15/10** (2006.01)

CPC (source: EP)

C07D 301/12 (2013.01); **C07D 301/28** (2013.01); **C07D 303/23** (2013.01); **C08B 15/10** (2013.01); **C08H 6/00** (2013.01)

Citation (search report)

See references of WO 2017184072A1

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 2017184072 A1 20171026; EP 3445753 A1 20190227

DOCDB simple family (application)

SE 2017050396 W 20170424; EP 17720902 A 20170424