

Title (en)
THE METHOD OF OBTAINING REACTIVE POLYOLS FROM WOOD-BASED WASTE, THE METHOD OF MANUFACTURING POLYURETHANE MATERIALS FROM THE OBTAINED REACTIVE POLYOLS AND REACTIVE POLYOLS OBTAINED FROM WOOD-BASED MATERIALS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON REAKTIVEN POLYOLEN AUS HOLZABFÄLLEN, VERFAHREN ZUR HERSTELLUNG VON POLYURETHANMATERIALIEN AUS DEN GEWONNEEN REAKTIVEN POLYOLEN UND AUS HOLZWERKSTOFFEN GEWONNENE REAKTIVE POLYOLE

Title (fr)
PROCÉDÉ D'OBTENTION DE POLYOLS RÉACTIFS À PARTIR DE DÉCHETS À BASE DE BOIS, PROCÉDÉ DE FABRICATION DE MATÉRIAUX DE POLYURÉTHANE À PARTIR DES POLYOLS RÉACTIFS OBTENUS ET POLYOLS RÉACTIFS OBTENUS À PARTIR DE MATÉRIAUX À BASE DE BOIS

Publication
EP 4110856 A1 20230104 (EN)

Application
EP 21761728 A 20210218

Priority
• PL 43300920 A 20200224
• PL 2021000009 W 20210218

Abstract (en)
[origin: WO2021173018A1] The invention relates to a process for the production of reactive polyols from wood-like waste materials on the fact that the wood-like waste material is used as a wood-like material, which is chipped to a grain size of 1 to 500 pm, and this material is subjected to a solvolysis process in the presence of a solvent or mixture of solvents with the amount of biomass from 1-50% of the weight of the solvent with the catalyst at the temperature from 80 to 300 ° C and the obtained polyol raw material is neutralized with an acid or a base.

IPC 8 full level
C08H 8/00 (2010.01); **C07G 1/00** (2011.01); **C08G 18/32** (2006.01); **C08G 18/64** (2006.01)

CPC (source: EP)
C08G 18/163 (2013.01); **C08G 18/2036** (2013.01); **C08G 18/225** (2013.01); **C08G 18/4081** (2013.01); **C08G 18/4829** (2013.01); **C08G 18/6492** (2013.01); **C08G 18/7664** (2013.01); **C08G 18/7671** (2013.01); **C08H 8/00** (2013.01); **C08J 9/141** (2013.01); **C08J 9/146** (2013.01); **C08J 11/24** (2013.01); **C09J 175/04** (2013.01); **C08G 2110/0025** (2021.01); **C08G 2110/005** (2021.01); **C08G 2110/0058** (2021.01); **C08J 2203/14** (2013.01); **C08J 2203/142** (2013.01); **C08J 2301/02** (2013.01); **C08J 2375/04** (2013.01); **Y02W 30/62** (2015.05)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021173018 A1 20210902; EP 4110856 A1 20230104; EP 4110856 A4 20240228; PL 244152 B1 20231211; PL 433009 A1 20210830

DOCDB simple family (application)
PL 2021000009 W 20210218; EP 21761728 A 20210218; PL 43300920 A 20200224