

Title (en)  
METHOD FOR PRODUCING 5-(HYDROXYMETHYL)FURFURAL IN THE PRESENCE OF ORGANIC CATALYSTS OF THE THIUREA FAMILY

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON 5-(HYDROXYMETHYL)FURFURAL IN GEGENWART VON ORGANISCHEN KATALYSATOREN DER THIOHARNSTOFFFAMILIE

Title (fr)  
PROCEDE DE PRODUCTION DE 5-HYDROXYMETHYLFURFURAL EN PRESENCE DE CATALYSEURS ORGANIQUES DE LA FAMILLE DES THIOUREES

Publication  
**EP 3325458 A1 20180530 (FR)**

Application  
**EP 16741608 A 20160719**

Priority  
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Abstract (en)  
[origin: WO2017016924A1] The invention relates to a new method for transforming feedstock comprising at least one sugar into 5-(hydroxymethyl)furfural, in which method the feedstock is brought into contact with one or more organic catalysts in the presence of at least one solvent, which is water or an organic solvent, either alone or in combination, at a temperature ranging from 30°C to 200°C, and under a pressure ranging from 0.1 MPa to 10 MPa, the organic catalysts being selected from compounds of the thiourea family and having the general formula R1NH-C(=S)-NHR2, in which the R1 and R2 groups are selected from aromatic compounds optionally comprising a heteroatom, from linear or branched, cyclic or non-cyclic alkyl groups, and from linear or branched, cyclic or non-cyclic alkyl groups comprising at least one heteroatom, said R1 and R2 groups being optionally substituted and the same or different.

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See references of WO 2017016924A1

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