

Title (en)  
PROCESS FOR PRODUCING 5-HYDROXYMETHYLFURFURAL IN THE PRESENCE OF AN INORGANIC DEHYDRATION CATALYST AND A CHLORIDE SOURCE

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON 5-HYDROXYMETHYLFURFURAL IN GEGENWART EINES ANORGANISCHEN DEHYDRIERUNGSKATALYSATORS UND EINER CHLORIDQUELLE

Title (fr)  
PROCEDE DE PRODUCTION DE 5-HYDROXYMETHYLFURFURAL EN PRESENCE D'UN CATALYSEUR INORGANIQUE DE DESHYDRATATION ET D'UNE SOURCE DE CHLORURE

Publication  
**EP 3687985 A1 20200805 (FR)**

Application  
**EP 18770055 A 20180925**

Priority  
• FR 1759025 A 20170928  
• EP 2018075964 W 20180925

Abstract (en)  
[origin: WO2019063546A1] The invention relates to a process for converting a feedstock comprising at least one sugar into 5-hydroxymethylfurfural, wherein said feedstock is brought into contact with one or more inorganic dehydration catalysts and one or more chloride sources in the presence of at least one aprotic polar solvent alone or as a mixture, at a temperature of between 30°C and 200° C, and at a pressure of between 0.1 MPa and 10 MPa.

IPC 8 full level  
**C07D 307/46** (2006.01)

CPC (source: EP US)  
**C07D 307/46** (2013.01 - EP); **C07D 307/48** (2013.01 - US)

Citation (search report)  
See references of WO 2019063546A1

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)  
**FR 3071497 A1 20190329; FR 3071497 B1 20210611**; BR 112020004961 A2 20200915; CN 111295377 A 20200616; EP 3687985 A1 20200805; JP 2020535146 A 20201203; US 11084797 B2 20210810; US 2020299250 A1 20200924; WO 2019063546 A1 20190404

DOCDB simple family (application)  
**FR 1759025 A 20170928**; BR 112020004961 A 20180925; CN 201880063277 A 20180925; EP 18770055 A 20180925; EP 2018075964 W 20180925; JP 2020516890 A 20180925; US 201816651381 A 20180925