

Title (en)  
METHOD FOR THE SELECTIVE HYDROGENATION OF A GASOLINE FRACTION IN THE PRESENCE OF A SUPPORTED SULFIDE CATALYST  
PREPARED USING AT LEAST ONE CYCLIC OLIGOSACCHARIDE

Title (de)  
VERFAHREN ZUR SELEKTIVEN HYDROGENIERUNG EINER BENZINFRAKTION UNTER VERWENDUNG EINES AUS MINDESTENS EINEM  
ZYKLISCHEN OLIGOSACCHARID HERGESTELLTEN GETRÄGERTEN SULFID-KATALYSATORS

Title (fr)  
PROCEDE D'HYDROGENATION SELECTIVE D'UNE COUPE ESSENCE EN PRESENCE D'UN CATALYSEUR SULFURE SUPPORTE  
PREPARE AU MOYEN D'AU MOINS UN OLIGOSACCHARIDE CYCLIQUE

Publication  
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Application  
**EP 11743261 A 20110624**

Priority  
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Abstract (en)  
[origin: WO2012022849A1] The invention relates to a method for the selective hydrogenation of a gasoline fraction containing polyunsaturated hydrocarbons having at least two carbon atoms per molecule and having a final boiling point of no higher than 250 °C, wherein said method consists of contacting said gasoline fraction with at least one catalyst, the active phase of which includes at least one Group VIII metal and one Group VIB metal deposited on a support, said catalyst being prepared according to a method including at least: i) a step of placing at least said support in contact with at least one solution containing at least one precursor of at least said Group VIII metal and at least one precursor of at least said Group VIB metal; ii) a step of placing at least said support in contact with at least one organic compound consisting of at least one cyclic oligosaccharide including at least six glucopyranose subunits bonded at α-(1,4); iii) a calcination step for obtaining at least said Group VIII metal and at least said Group VIB in oxide form; and iv) a sulfidation step, such that said active phase is provided in sulfide form, wherein steps i) and ii) can be carried out separately in any order, or simultaneously.

IPC 8 full level  
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