

Title (en)
HYDROGENATION PROCESS COMPRISING A CATALYST PREPARED BY ADDITION OF AN ORGANIC COMPOUND IN THE GAS PHASE

Title (de)
HYDRIERUNGSVERFAHREN MIT EINEM DURCH ZUGABE EINER ORGANISCHEN VERBINDUNG IN DER GASPHASE HERGESTELLTEN KATALYSATOR

Title (fr)
PROCEDE D'HYDROGENATION COMPRENANT UN CATALYSEUR PREPARE PAR ADDITION D'UN COMPOSE ORGANIQUE EN PHASE GAZEUSE

Publication
EP 3870362 A1 20210901 (FR)

Application
EP 19786341 A 20191015

Priority
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• EP 2019078006 W 20191015

Abstract (en)
[origin: WO2020083714A1] A process for hydrogenation of a polyunsaturated compound contained in a hydrocarbon feedstock in the presence of a catalyst comprising a porous support and an active phase comprising a metal of group VIII, wherein said catalyst is prepared according to the following steps: a) an organic compound containing oxygen and/or nitrogen but not comprising sulfur is added to the porous support; b) said porous support is brought into contact with a solution containing a salt that is a precursor of the active phase; c) the porous support obtained at the end of step b) is dried; characterized in that step a) is carried out before or after steps b) and c) and is carried out by placing said porous support in the presence of said organic compound under temperature, pressure and time conditions such that a fraction of said organic compound is transfer in the gaseous state to the porous support.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2020083714A1

Designated contracting state (EPC)
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WO 2020083714 A1 20200430; CN 113242766 A 20210810; EP 3870362 A1 20210901; FR 3087787 A1 20200501; FR 3087787 B1 20201218; US 2021331145 A1 20211028

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