

Title (en)

CATALYST FOR THE HYDROGENATION OF AROMATIC COMPOUNDS OBTAINED FROM MELTED SALTS AND AN ORGANIC ADDITIVE

Title (de)

KATALYSATOR ZUR HYDRIERUNG AROMATISCHER VERBINDUNGEN AUS GESCHMOLZENEN SALZEN UND ORGANISCHES ADDITIV

Title (fr)

CATALYSEUR POUR L'HYDROGENATION DE COMPOSES AROMATIQUES OBTENU A PARTIR DE SELS FONDUS ET D'UN ADDITIF ORGANIQUE

Publication

EP 4077596 A1 20221026 (FR)

Application

EP 20816493 A 20201204

Priority

- FR 1914602 A 20191217
- EP 2020084661 W 20201204

Abstract (en)

[origin: WO2021122060A1] Disclosed is a catalyst for hydrogenating aromatic compounds obtainable by a process comprising at least the following steps: a) bringing the alumina support in contact with at least one organic additive; b) bringing the alumina support in contact with at least one nickel metal salt, the melting temperature of which is between 20 °C and 150 °C; c) heating while stirring the solid mixture obtained at the end of steps a) and b); d) drying the catalyst precursor at the end of step c); e) performing a heat treatment step of the dried catalyst precursor obtained at the end of step d).

IPC 8 full level

C10G 49/04 (2006.01); **B01J 23/755** (2006.01); **B01J 37/00** (2006.01); **B01J 37/02** (2006.01)

CPC (source: EP US)

B01J 21/04 (2013.01 - EP US); **B01J 23/755** (2013.01 - EP US); **B01J 35/23** (2024.01 - EP US); **B01J 35/613** (2024.01 - EP); **B01J 35/635** (2024.01 - EP); **B01J 35/64** (2024.01 - US); **B01J 35/647** (2024.01 - EP); **B01J 37/0201** (2013.01 - EP); **B01J 37/0203** (2013.01 - EP US); **B01J 37/088** (2013.01 - EP US); **B01J 37/12** (2013.01 - EP); **B01J 37/18** (2013.01 - EP); **C07C 5/10** (2013.01 - EP US); **C10G 45/58** (2013.01 - EP); **B01J 2231/641** (2013.01 - US); **C07C 2521/04** (2013.01 - EP US); **C07C 2523/755** (2013.01 - EP); **C07C 2523/76** (2013.01 - US); **C07C 2531/04** (2013.01 - EP); **C07C 2601/14** (2017.04 - EP); **Y02P 20/52** (2015.11 - EP)

Citation (search report)

See references of WO 2021122060A1

Designated contracting state (EPC)

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DOCDB simple family (application)

FR 1914602 A 20191217; CN 202080087633 A 20201204; EP 2020084661 W 20201204; EP 20816493 A 20201204; JP 2022536730 A 20201204; US 202017784244 A 20201204