

Title (en)
HYDROGENATION CATALYST COMPRISING A CARRIER AND A SPECIFIC NICKEL MOLYBDENUM RATIO

Title (de)
HYDRIERKATALYSATOR MIT EINEM TRÄGER UND EINEM SPEZIFISCHEN NICKEL-MOLYBDEN-VERHÄLTNIS

Title (fr)
CATALYSEUR D'HYDROGENATION COMPRENANT UN SUPPORT ET UN RATIO NIMO SPECIFIQUE

Publication
EP 4146383 A1 20230315 (FR)

Application
EP 21721952 A 20210503

Priority

- FR 2004517 A 20200507
- EP 2021061555 W 20210503

Abstract (en)
[origin: WO2021224172A1] Disclosed is a selective hydrogenation catalyst comprising an active phase based on nickel and molybdenum, and a porous carrier made of alumina and/or nickel aluminate, characterized in that the molar ratio of nickel to molybdenum is greater than 2.5 mol/mol and less than 3.0 mol/mol. 5

IPC 8 full level
B01J 21/04 (2006.01); **B01J 23/00** (2006.01); **B01J 23/883** (2006.01); **B01J 35/10** (2006.01); **B01J 37/02** (2006.01); **B01J 37/08** (2006.01); **B01J 37/14** (2006.01); **B01J 37/20** (2006.01)

CPC (source: EP US)
B01J 21/04 (2013.01 - EP US); **B01J 23/005** (2013.01 - EP); **B01J 23/755** (2013.01 - US); **B01J 23/883** (2013.01 - EP US); **B01J 35/394** (2024.01 - US); **B01J 35/615** (2024.01 - EP US); **B01J 35/633** (2024.01 - EP US); **B01J 35/635** (2024.01 - EP US); **B01J 37/0201** (2013.01 - EP); **B01J 37/0205** (2013.01 - EP US); **B01J 37/0207** (2013.01 - EP); **B01J 37/0209** (2013.01 - US); **B01J 37/0236** (2013.01 - US); **B01J 37/024** (2013.01 - US); **B01J 37/08** (2013.01 - EP); **B01J 37/088** (2013.01 - US); **B01J 37/14** (2013.01 - EP); **B01J 37/20** (2013.01 - EP); **C10G 45/38** (2013.01 - US); **C10G 65/06** (2013.01 - US); **C10G 2300/104** (2013.01 - US); **C10G 2300/202** (2013.01 - US); **C10G 2300/301** (2013.01 - US); **C10G 2400/02** (2013.01 - US)

Citation (search report)
See references of WO 2021224172A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3109899 A1 20211112; **FR 3109899 B1 20231124**; BR 112022020367 A2 20221129; CN 115443187 A 20221206; EP 4146383 A1 20230315; JP 2023524798 A 20230613; US 2023173470 A1 20230608; WO 2021224172 A1 20211111

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FR 2004517 A 20200507; BR 112022020367 A 20210503; CN 202180033526 A 20210503; EP 2021061555 W 20210503; EP 21721952 A 20210503; JP 2022567457 A 20210503; US 202117922130 A 20210503