

Title (en)
PROCESS FOR PREPARING A SELECTIVE HYDROGENATION CATALYST, COMPRISING A STEP OF FORMING A NI-CU ALLOY IN PRE-IMPREGNATION

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SELEKTIVEN HYDRIERUNGSKATALYSATORS MIT EINEM SCHRITT ZUR HERSTELLUNG EINER NI-CU-LEGIERUNG IN DER VORIMPRÄGNIERUNG

Title (fr)
PROCEDE DE PREPARATION D'UN CATALYSEUR D'HYDROGENATION SELECTIVE COMPRENANT UNE ETAPE DE FORMATION D'UN ALLIAGE DE NI-CU EN PRE-IMPREGNATION

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EP 3911439 A1 20211124 (FR)

Application
EP 20700054 A 20200108

Priority
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• EP 2020050329 W 20200108

Abstract (en)
[origin: WO2020148131A1] The invention relates to a process for preparing a selective hydrogenation catalyst comprising nickel, copper and a support having at least one refractory oxide, said process comprising the following steps: - contacting the support with a solution containing at least one copper precursor and a nickel precursor; - drying the catalyst precursor at a temperature of less than 250°C; - reduction of the catalyst precursor by contacting said precursor with a reduction gas at a temperature of between 150°C and 250°C; - contacting the catalyst precursor with a solution comprising a nickel precursor; - step of drying the catalyst precursor at a temperature of less than 250°C; - reduction of the catalyst precursor by contacting said precursor with a reduction gas at a temperature of between 150°C and 250°C.

IPC 8 full level
B01J 37/02 (2006.01); **B01J 23/72** (2006.01); **B01J 23/755** (2006.01); **B01J 37/18** (2006.01); **B01J 37/20** (2006.01); **C07C 7/163** (2006.01); **C07C 7/167** (2006.01); **C10G 45/36** (2006.01)

CPC (source: EP US)
B01J 23/72 (2013.01 - EP); **B01J 23/755** (2013.01 - EP US); **B01J 37/0205** (2013.01 - EP); **B01J 37/024** (2013.01 - EP); **B01J 37/08** (2013.01 - US); **B01J 37/18** (2013.01 - EP US); **B01J 37/20** (2013.01 - EP US); **C07C 5/03** (2013.01 - EP US); **C07C 5/10** (2013.01 - EP US); **C10G 45/36** (2013.01 - EP); **C07C 2523/72** (2013.01 - EP); **C07C 2523/755** (2013.01 - EP)

C-Set (source: EP)
1. **C07C 5/10 + C07C 13/18**
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See references of WO 2020148131A1

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FR 3091657 A1 20200717; **FR 3091657 B1 20230414**; CN 113646087 A 20211112; CN 113646087 B 20230822; EP 3911439 A1 20211124; JP 2022517360 A 20220308; JP 7449945 B2 20240314; US 11779915 B2 20231010; US 2022062886 A1 20220303; WO 2020148131 A1 20200723

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