

Title (en)
METHOD FOR THE SELECTIVE HYDROGENATION OF THE C2 FRACTION COMPRISING ACETYLENE IN THE PRESENCE OF A CATALYST IN MONOLITHIC FORM

Title (de)
VERFAHREN ZUR SELEKTIVEN HYDRIERUNG DER ACETYLEN ENTHALTENDEN C2-FRAKTION IN GEGENWART EINES MONOLITHISCHEN KATALYSATORS

Title (fr)
PROCEDE D'HYDROGENATION SELECTIVE DE LA COUPE C2 COMPRENANT DE L'ACETYLENE EN PRESENCE D'UN CATALYSEUR SOUS FORME DE MONOLITHE

Publication
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Application
EP 21819870 A 20211130

Priority
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• EP 2021083464 W 20211130

Abstract (en)
[origin: WO2022122459A1] Disclosed is a method for the selective hydrogenation of a C2 steam-cracking fraction comprising acetylene, in the presence of a catalyst comprising an active phase made from at least one group VIII metal and a support in the form of a ceramic or metal monolith, characterised in that the support comprises a number of channels per unit length CPSI of between 300 and 1200, and in that the active phase is in the form of a layer on the walls of the support, the thickness of the active phase layer being between 30 µm and 150 µm.

IPC 8 full level
C10G 45/34 (2006.01); **C07C 5/09** (2006.01); **C07C 7/167** (2006.01); **C10G 45/40** (2006.01)

CPC (source: EP KR US)
B01J 23/44 (2013.01 - US); **B01J 35/394** (2024.01 - US); **B01J 35/56** (2024.01 - US); **B01J 35/61** (2024.01 - US); **C07C 5/09** (2013.01 - EP KR US); **C07C 7/167** (2013.01 - EP KR); **C10G 45/34** (2013.01 - EP KR); **C10G 45/40** (2013.01 - EP KR); **C07C 2523/42** (2013.01 - US); **C07C 2523/44** (2013.01 - US); **C07C 2523/755** (2013.01 - US); **C10G 2300/1092** (2013.01 - EP KR); **C10G 2400/20** (2013.01 - EP KR); **Y02P 20/52** (2015.11 - EP KR)

C-Set (source: EP)
1. **C07C 5/09 + C07C 11/04**
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KH MA MD TN

DOCDB simple family (publication)
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