

Title (en)

CATALYSTS FOR MAKING ETHANOL FROM ACETIC ACID

Title (de)

KATALYSATOREN ZUR HERSTELLUNG VON ETHANOL AUS ESSIGSÄURE

Title (fr)

CATALYSEURS POUR FABRIQUER DE L'ÉTHANOL À PARTIR D'ACIDE ACÉTIQUE

Publication

EP 2493606 A2 20120905 (EN)

Application

EP 10702393 A 20100202

Priority

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- US 2010022950 W 20100202

Abstract (en)

[origin: WO2011056247A2] Catalysts and processes for forming catalysts for use in hydrogenating acetic acid to form ethanol. In one embodiment, the catalyst comprises a first metal, a siliceous support, and at least one metasilicate support modifier. Preferably, the first metal is selected from the group consisting of copper, iron, cobalt, nickel, ruthenium, rhodium, palladium, osmium, iridium, platinum, titanium, zinc, chromium, rhenium, molybdenum, and tungsten. In addition the catalyst may comprise a second metal preferably selected from the group consisting of copper, molybdenum, tin, chromium, iron, cobalt, vanadium, tungsten, palladium, platinum, lanthanum, cerium, manganese, ruthenium, rhenium, gold, and nickel.

IPC 8 full level

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C-Set (source: EP)

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Citation (search report)

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