

Title (en)
CATALYST AND METHOD FOR HYDROGENATING AROMATES

Title (de)
KATALYSATOR UND VERFAHREN ZUR HYDRIERUNG VON AROMATEN

Title (fr)
CATALYSEUR ET PROCÉDÉ D'HYDROGÉNATION DE COMPOSÉS AROMATIQUES

Publication
EP 2512658 A2 20121024 (DE)

Application
EP 10792900 A 20101214

Priority

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Abstract (en)
[origin: WO2011082991A2] The present invention relates to a shell catalyst, comprising an active metal selected from the group of ruthenium, rhodium, palladium, platinum, and mixtures thereof, applied to a carrier material comprising silicon dioxide, wherein the pore volume of the carrier material is 0.6 to 1.0 ml/g, determined by Hg porosimetry, the BET surface area is 280 to 500 m²/g, and at least 90% of the pores present comprise a diameter from 6 to 12 nm, to a method for producing said shell catalyst, to a method for hydrogenating an organic compound comprising at least one hydrogenatable group using the shell catalyst, and to the use of the shell catalyst for hydrogenating an organic compound.

IPC 8 full level
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C-Set (source: EP US)

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5. **C07C 67/303** + **C07C 69/75**
6. **C07C 209/72** + **C07C 211/35**
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Citation (examination)
DE 102005029200 A1 20061228 - BASF AG [DE]

Cited by
US9717664B2; US9340754B2

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DOCDB simple family (publication)
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