

Title (en)

LAYERED CATALYST COMPOSITION AND PROCESSES FOR PREPARING AND USING THE COMPOSITION

Title (de)

SCHICHTKATALYSATORZUSAMMENSTELLUNG UND VERFAHREN FÜR SEINE HERSTELLUNG UND VERWENDUNG

Title (fr)

COMPOSITION CATALYTIQUE EN COUCHES ET PROCEDES DE PREPARATION ET D'UTILISATION DE LA COMPOSITION

Publication

EP 1337329 A1 20030827 (EN)

Application

EP 00980270 A 20001127

Priority

US 0030160 W 20001127

Abstract (en)

[origin: WO0241990A1] This invention relates to a layered catalyst composition, a process for preparing the composition and processes for using the composition. The catalyst composition comprises an inner core such as alpha-alumina, and an outer layer bonded to the inner core composed of an outer refractory inorganic oxide such as gamma-alumina. The outer layer optionally has uniformly dispersed thereon a platinum group metal such as platinum and a promoter metal such as tin. The composition also optionally contains a modifier metal such as lithium. The catalyst composition shows improved durability and selectivity for dehydrogenating hydrocarbons.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Citation (examination)

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- EP 0466396 A1 19920115 - CA ATOMIC ENERGY LTD [CA]
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- US 5866496 A 19990202 - ALBERS EDWIN W [US], et al
- See also references of WO 0241990A1

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DOCDB simple family (publication)

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