

Title (en)  
ISOTHERMAL METHOD FOR DEHYDROGENATING ALKANES

Title (de)  
ISOTHERMES VERFAHREN ZUR DEHYDRIERUNG VON ALKANEN

Title (fr)  
PROCEDE ISOTHERME DE DESHYDRATATION D'ALCANES

Publication  
**EP 1532087 A1 20050525 (DE)**

Application  
**EP 03792326 A 20030814**

Priority  
• DE 10237514 A 20020816  
• EP 0309057 W 20030814

Abstract (en)  
[origin: DE10237514A1] In an isothermal method for dehydrogenation of alkanes (I) to the corresponding alkenes (II) over a bed of dehydrogenation catalyst (A), the new feature is that the bed contains a catalytically inactive, inert diluent (B).

IPC 1-7  
**C07C 5/333**; **B01J 8/02**

IPC 8 full level  
**B01J 23/62** (2006.01); **C07B 61/00** (2006.01); **C07C 5/333** (2006.01); **C07C 11/06** (2006.01)

CPC (source: EP KR US)  
**C07C 5/3335** (2013.01 - EP KR US); **C07C 11/06** (2013.01 - KR); **C07C 2523/04** (2013.01 - EP KR US); **C07C 2523/10** (2013.01 - EP KR US); **Y02P 20/52** (2015.11 - EP US)

C-Set (source: EP US)  
1. **C07C 5/3335 + C07C 11/02**  
2. **C07C 5/3335 + C07C 11/06**

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
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