

Title (en)

METHOD FOR REGENERATING RE sb 2 /sb O sb 7 /sb DOPED CATALYST SUPPORTS

Title (de)

VERFAHREN ZUR REGENERIERUNG VON RE sb 2 /sb O sb 7 /sb DOTIERTEN TRÄGERKATALYSATOREN

Title (fr)

PROCEDE DE REGENERATION DE CATALYSEURS SUPPORTS DOTES DE E SB 2 /SB O SB 7 /SB

Publication

EP 1601458 A1 20051207 (DE)

Application

EP 04711362 A 20040216

Priority

- EP 2004001428 W 20040216
- DE 10309070 A 20030303

Abstract (en)

[origin: WO2004078343A1] The invention relates to a method for a Re₂O₇ doped catalyst support deactivated (deactivated catalyst) by a hydrocarbon mixture containing C₂-C₆ olefin (C₂-6 lot) used during a metathesis. The inventive method consists in treating the deactivated catalyst at a temperature ranging from 400 to 800 °C with an inert gas (regeneration gas K₁). Afterwards, the thus pre-treated deactivated catalyst is treated with said regeneration gas K₁ and an oxygen-containing gas (regeneration gas K₂).

IPC 1-7

B01J 23/36; C07C 6/04; B01J 38/00

IPC 8 full level

B01J 23/92 (2006.01); **B01J 38/12** (2006.01); **B01J 38/14** (2006.01); **C07C 6/04** (2006.01); **B01J 23/36** (2006.01)

CPC (source: EP US)

B01J 23/92 (2013.01 - EP US); **B01J 38/12** (2013.01 - EP US); **B01J 38/14** (2013.01 - EP US); **C07C 6/04** (2013.01 - EP US); **B01J 23/36** (2013.01 - EP US); **Y02P 20/584** (2015.11 - EP US)

Citation (search report)

See references of WO 2004078343A1

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)

DE 10309070 A1 20040916; CN 1756597 A 20060405; EP 1601458 A1 20051207; US 2006183627 A1 20060817; WO 2004078343 A1 20040916

DOCDB simple family (application)

DE 10309070 A 20030303; CN 200480005830 A 20040216; EP 04711362 A 20040216; EP 2004001428 W 20040216; US 54729304 A 20040216