

Title (en)

PROCESS FOR REGENERATING A HIGH TEMPERATURE TREATED ZEOLITE CATALYST

Title (de)

VERFAHREN ZUM REGENIEREN EINES HOCHTEMPERATURBEHANDELTEN ZEOLITISCHEN KATALYSATORS

Title (fr)

PROCEDE DE REGENEATION D'UN CATALYSEUR AUX ZEOLITES TRAITE A HAUTE TEMPERATURE

Publication

**EP 0833690 A1 19980408 (EN)**

Application

**EP 96916656 A 19960509**

Priority

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- US 45092695 A 19950525

Abstract (en)

[origin: WO9637299A1] Provided is a process for regenerating a high temperature treated reforming catalyst which has been deactivated due to coke deposition and which catalyst comprises at least one Group VIII metal. The process comprises first burning coke from the catalyst by contacting the catalyst with an oxygen containing gas. The catalyst is then reduced by contacting the catalyst with a reducing gas, preferably hydrogen. The catalyst is then treated at a temperature in the range of from 975 DEG to less than 1150 DEG F. This last treatment step can take place in either a reducing atmosphere, or in an inert gaseous atmosphere. It is also preferred that the last step be conducted while maintaining the water level of the effluent gas below 200 ppmv.

IPC 1-7

**B01J 29/90; C10G 35/095**

IPC 8 full level

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CPC (source: EP)

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