Title (en)

METHOD AND DEVICE FOR THE CONTROLLED REGENERATION OF A CATALYST AND A REACTOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTROLLIERTEN REGENERATION EINES KATALYSATORS UND REAKTORS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉGÉNÉRATION CONTRÔLÉE D'UN CATALYSEUR ET D'UN RÉACTEUR

Publication

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Application

EP 07727975 A 20070411

Priority

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Abstract (en)

[origin: WO2007118825A1] The invention relates to a method and a device for the controlled regeneration of a catalyst and of a fired reactor, especially a catalyst and a reactor in a plant for producing olefins from a hydrocarbon-containing charge. During the regeneration phase of the catalyst for recovering the catalytic activity, the burners of the reactor are switched off. After the regeneration phase, the burners are re-ignited by means of inbuilt pilot burners. The pilot burners are monitored and their capacity is adjusted in such a manner that the heat loss of the reactor during the regeneration phase of the catalyst is compensated for.

IPC 8 full level

B01J 8/06 (2006.01); **B01J 23/90** (2006.01); **C07C 5/32** (2006.01); **C07C 5/42** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2007118825A1

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