

Title (en)

Fluid catalytic cracking method and apparatus.

Title (de)

Verfahren und Vorrichtung zum fluidisierten katalytischen Kracken.

Title (fr)

Méthode et appareil de craquage catalytique fluidisé.

Publication

EP 0398557 A1 19901122 (EN)

Application

EP 90304838 A 19900503

Priority

US 35243389 A 19890516

Abstract (en)

The present invention features the use of a particulate sorbent and a particulate FCC catalyst, which are physically separable, sequentially in the same FCC riser (3,5,8), followed by separation (9,10) of commingled spent catalyst and sorbent particles from vapors, and the subsequent primary partial regeneration and heat up of spent sorbent particles and catalyst particles in an oxygen deficient burning zone (18), followed by physical separation of partially regenerated catalyst and sorbent particles, preferably using a cyclonic classifier (19) to effect the separation. This is followed by secondary regeneration of the resulting segregated partially regenerated sorbent and catalyst streams in oxygen rich coobustion zones (24,25) to fully regenerate sorbent and catalyst particles.

IPC 1-7

C10G 11/18

IPC 8 full level

C10G 11/18 (2006.01); **C10G 55/06** (2006.01)

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C10G 11/18 (2013.01 - EP KR)

Citation (search report)

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- [A] EP 0127285 A2 19841205 - MOBIL OIL CORP [US]
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