

Title (en)

Process and apparatus for the catalytic cracking of hydrocarbons, with control of the reaction temperature.

Title (de)

Verfahren und Einrichtung für das katalytische Kracken von Kohlenwasserstoffen mit Kontrolle der Reaktionstemperatur.

Title (fr)

Procédé et dispositif pour le craquage catalytique de charges d'hydrocarbures, avec contrôle de la température de réaction.

Publication

EP 0208609 B2 19950816 (FR)

Application

EP 86401464 A 19860702

Priority

FR 8510569 A 19850710

Abstract (en)

[origin: US4818372A] An apparatus for the catalytic cracking of hydrocarbon feedstocks with reaction temperature control is provided which includes an upward-flow or downward-flow cracking column, means for feeding said column under pressure with a hydrocarbon feedstock and with particles of a regenerated cracking catalyst, at least one means for injection of an auxiliary fluid downstream of the zone in said column where the hydrocarbon feedstock and the regenerated catalyst particles are contacted with each other, to reduce the temperature of the reaction zone situated directly downstream thereof, means for separating the products of the cracked feedstock and the spent catalyst particles, at least one stripping means, at least one unit for regeneration of the catalyst by combustion of the coke deposited thereon and means for recycling the regenerated catalyst to said feeding means.

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Cited by

EP0465157A1; EP0444859A1; FR2655053A1; EP0311375A1; EP0323297A1; FR2625509A1; EP0444860A1; US4959334A; EP0294052A3; EP1046696A3; EP0265347A1; FR2605643A1; US5264115A; US5506365A; EP0911379A1; FR2770225A1; US6126813A; EP0465161A1

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