

Title (en)
Process control in cracking furnaces used for the preparations of olefines.

Title (de)
Verfahren zur Prozesssteuerung in Spaltöfen zur Olefinherstellung.

Title (fr)
Contrôle des processus dans les fours de pyrolyse pour la préparation d'oléfines.

Publication
EP 0499897 B1 19931215 (DE)

Application
EP 92102007 A 19920206

Priority
DE 4105095 A 19910219

Abstract (en)
[origin: EP0499897A1] In a process for controlling the transition temperature between the convection zone and radiant zone in cracking furnaces for olefin production from different hydrocarbon feedstocks, the feed stream is divided into two part streams before introduction into the convection zone, the first part stream is first preheated and then mixed with process steam, subsequently mixed with the second part stream untreated up to this point in time, and the resulting total process stream is passed after further heating and/or vaporisation into the radiant zone. The mixing of the first part stream with the process steam can take place before or after internal or external super-heating of the process steam. <IMAGE>

IPC 1-7
C10G 9/20

IPC 8 full level
C10G 9/00 (2006.01); **C10G 9/20** (2006.01)

CPC (source: EP)
C10G 9/20 (2013.01)

Cited by
EP0609191A1; EP2653524A1; RU2611008C2; US9181495B2

Designated contracting state (EPC)
AT BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0499897 A1 19920826; EP 0499897 B1 19931215; AT E98668 T1 19940115; DE 4105095 A1 19920820; DE 59200031 D1 19940127; JP H06116568 A 19940426; MX 9200527 A 19920801

DOCDB simple family (application)
EP 92102007 A 19920206; AT 92102007 T 19920206; DE 4105095 A 19910219; DE 59200031 T 19920206; JP 7942692 A 19920218; MX 9200527 A 19920207