

Title (en)
METHOD FOR ON-LINE DECOKING OF FLAME CRACKING REACTORS

Publication
EP 0143486 A3 19860416 (EN)

Application
EP 84201553 A 19841030

Priority
US 54701683 A 19831031

Abstract (en)
[origin: EP0143486A2] This invention relates to a method for on-line decoking of flame-cracking reactors whereby decoking is achieved without interruption of the normal operation of such reactors and without the necessity to chance feed equipment and/or disassemble reactor components. While maintaining the temperature of the effluent at 1000 DEG C to 2000 DEG C, the flow of the hydrocarbon feedstock in the reactor is periodically stopped for a time sufficient to reduce the carbon deposits to an acceptable level.

IPC 1-7
C10G 9/38

IPC 8 full level
C10G 9/38 (2006.01)

CPC (source: EP)
C10G 9/38 (2013.01)

Citation (search report)

- [YD] FR 2393844 A1 19790105 - UNION CARBIDE CORP [US]
- [Y] DE 2028913 A1 19710211
- [YD] FR 2020790 A1 19700717 - EXXON RESEARCH ENGINEERING CO
- [YD] US 3365387 A 19680123 - CAHN ROBERT P, et al
- [YD] EP 0021167 A1 19810107 - LINDE AG [DE]

Cited by
EP0781828A1; FR2743007A1; US6027635A; US10968399B2

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

DOCDB simple family (publication)
EP 0143486 A2 19850605; EP 0143486 A3 19860416; CA 1232856 A 19880216; JP S60112886 A 19850619

DOCDB simple family (application)
EP 84201553 A 19841030; CA 466218 A 19841024; JP 22697284 A 19841030