

Title (en)

IMPROVED FCC FEED INJECTOR FAN TIP DESIGN

Title (de)

VERBESSERTER ENTWURF EINER FÄCHERFÖRMIGEN FCC-EINSPEISUNGSSPRITZDÜSE

Title (fr)

EXTREMITÉ DE PALE D'INJECTEUR D'ALIMENTATION DE CRAQUAGE CATALYTIQUE FLUIDE À CONCEPTION AMÉLIORÉE

Publication

EP 1163475 A1 20011219 (EN)

Application

EP 00919437 A 20000317

Priority

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- US 52221000 A 20000309

Abstract (en)

[origin: WO0055543A1] The invention relates to fluidized catalytic cracking ("FCC") processes using a high fluid throughput and low pressure drop, liquid atomizing process and apparatus. The process comprises forming a fluid mixture of a hot feed oil and a dispersion gas, such as steam, atomizing the mixture to form droplets, and then distributing the droplets into the FCC process. The apparatus (180) comprises a nozzle (184) having an improved spray distributor (150) end section.

IPC 1-7

F23D 14/68; C10G 9/28

IPC 8 full level

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Citation (search report)

See references of WO 0055543A1

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