

Title (en)  
PROCESS AND APPARATUS FOR CATALYTIC FLUIDISED CRACKING

Publication  
**EP 0171330 B1 19880330 (FR)**

Application  
**EP 85401559 A 19850731**

Priority  
FR 8412388 A 19840802

Abstract (en)  
[origin: US4695370A] A fluid bed catalytic apparatus and process for cracking a hydrocarbon charge and regenerating the catalyst where hot particles are contacted at the top of the cracking zone (1) with the sprayed liquid charge to be treated and thus produce (a) the vaporization of the charge in lines 10 and (b) an intimate charge-catalyst particles mixture. The catalyst particles are then withdrawn from the lower part of the cracking reactor (1), separated from the reaction effluent, stripped in reactor (17) and successively subjected to two regeneration steps, respectively in zones (22) and (37), zone (37) being a tubular reactor where the catalyst particles are driven upwardly by a carrying gas.

IPC 1-7  
**C10G 11/18**; B01J 8/26

IPC 8 full level  
**C10G 11/00** (2006.01); **C10G 11/02** (2006.01); **C10G 11/18** (2006.01)

CPC (source: EP US)  
**C10G 11/18** (2013.01 - EP US)

Cited by  
EP0617113A1; EP0226483A1; FR2589875A1; EP0254333B1

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**EP 0171330 A1 19860212**; **EP 0171330 B1 19880330**; CA 1259577 A 19890919; DE 3562016 D1 19880505; FR 2568580 A1 19860207; FR 2568580 B1 19870109; JP H0633360 B2 19940502; JP S6142591 A 19860301; US 4695370 A 19870922

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