

Title (en)
PASSIVATION OF CRACKING CATALYST

Publication
EP 0147961 B1 19890405 (EN)

Application
EP 84308521 A 19841207

Priority
• US 55989183 A 19831209
• US 55991883 A 19831209

Abstract (en)
[origin: EP0147961A2] A process for passivating the adverse catalytic effects of metal contaminants, such as nickel, vanadium and iron, in a cracking system comprising a reaction zone (10), a regeneration zone (26) and a passivation zone (90), wherein a passivation promoter selected from the group consisting of cadmium-tin mixtures, cadmium, germanium, indium, tellurium and zinc and mixtures thereof is added to the cracking system. The passivation zone (90) is maintained at an elevated temperature and may also have a reducing atmosphere.

IPC 1-7
C10G 11/18

IPC 8 full level
C10G 11/04 (2006.01); **C10G 11/18** (2006.01)

CPC (source: EP)
C10G 11/04 (2013.01); **C10G 11/18** (2013.01); **C10G 11/187** (2013.01)

Cited by
CN108940382A; EP0422991A1; FR2653133A1; US5213679A

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

DOCDB simple family (publication)
EP 0147961 A2 19850710; EP 0147961 A3 19861230; EP 0147961 B1 19890405; CA 1240946 A 19880823; DE 3477577 D1 19890511

DOCDB simple family (application)
EP 84308521 A 19841207; CA 468697 A 19841127; DE 3477577 T 19841207