

Title (en)  
A FLUIDISED BED CATALYTIC COAL GASIFICATION PROCESS

Publication  
**EP 0062115 B1 19850731 (EN)**

Application  
**EP 81301436 A 19810402**

Priority  
EP 81301436 A 19810402

Abstract (en)  
[origin: EP0062115A1] Coal or similar carbonaceous solids impregnated with gasification catalyst constituents (16) are oxidized by contact with a gas containing between 2 volume percent and 21 volume percent oxygen at a temperature between 50 DEG C and 250 DEG C in an oxidation zone (24) and the resultant oxidized, catalyst impregnated solids are then gasified in a fluidized bed gasification zone (44) at an elevated pressure. The oxidation of the catalyst impregnated solids under these conditions insures that the bed density in the fluidized bed gasification zone will be relatively high even though the solids are gasified at elevated pressure and temperature.

IPC 1-7  
**C10J 3/54**; **C10J 3/00**

IPC 8 full level  
**C10J 3/00** (2006.01); **C10J 3/54** (2006.01)

CPC (source: EP)  
**C10J 3/00** (2013.01); **C10J 3/482** (2013.01); **C10J 3/54** (2013.01); **C10J 2300/093** (2013.01); **C10J 2300/0973** (2013.01); **C10J 2300/0986** (2013.01); **C10J 2300/1807** (2013.01)

Cited by  
EP0134344A1

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**EP 0062115 A1 19821013**; **EP 0062115 B1 19850731**; AU 7052381 A 19821007; BR 8103006 A 19830823; DE 3171541 D1 19850905; ZA 812817 B 19820526

DOCDB simple family (application)  
**EP 81301436 A 19810402**; AU 7052381 A 19810513; BR 8103006 A 19810514; DE 3171541 T 19810402; ZA 812817 A 19810428