

Title (en)

An improved process for the gasification of coal and other mineral-containing carbonaceous solids.

Title (de)

Verfahren zur Vergasung von Kohle und anderen Mineralien enthaltenden kohlenstoffhaltigen feststoffen.

Title (fr)

Procédé pour gazéifier du charbon et d'autres solides carbonées contenant des matières minérales.

Publication

EP 0088194 A2 19830914 (EN)

Application

EP 82307020 A 19821231

Priority

US 35468082 A 19820304

Abstract (en)

Agglomerate formation due to sintering is avoided in the nonslagging fluidized bed gasification of carbonaceous solids containing ash-forming, inorganic constituents by carrying out the gasification in the presence of an added hydrated aluminosilicate or an added hydrated magnesium silicate. In a preferred embodiment of the invention, the gasification zone is part of an integrated coking and gasification process wherein coal liquefaction bottoms are coked and the resultant coke is gasified.

IPC 1-7

C10J 3/54

IPC 8 full level

C10J 3/54 (2006.01)

CPC (source: EP)

C10J 3/482 (2013.01); **C10J 3/54** (2013.01); **C10J 2300/0983** (2013.01)

Cited by

EP0595472A1; US5656042A

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0088194 A2 19830914; EP 0088194 A3 19840418; EP 0088194 B1 19860910; DE 3273259 D1 19861016; ZA 828518 B 19830928

DOCDB simple family (application)

EP 82307020 A 19821231; DE 3273259 T 19821231; ZA 828518 A 19821118