

Title (en)

PROCESS FOR PRODUCING A GASEOUS PRODUCT.

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GASFÖRMIGEN PRODUKTES.

Title (fr)

PROCEDE POUR FABRIQUER UN PRODUIT GAZEUX.

Publication

**EP 0629176 A4 19951122 (EN)**

Application

**EP 93905114 A 19930305**

Priority

- AU 9300099 W 19930305
- AU PL124092 A 19920306
- AU PL349392 A 19920714

Abstract (en)

[origin: WO9317958A1] A process for producing a gaseous product is described whereby reactants (e.g. hydrocarbons and steam) are introduced into a fluidized bed operated under conditions such that a reaction takes place in the fluidized bed to produce the gaseous product (e.g. synthesis gas), the fluidized bed comprising particles having a density and size distribution such that at least a portion of the particles are entrained by the gaseous product leaving the fluidized bed, removing the gaseous product and entrained particles from the fluidized bed, substantially separating the particles entrained in the effluent gas from the gaseous product and returning the separated particles to the fluidized bed wherein at least a portion of the energy required for the reaction is supplied by heating the separated particles during their return to the fluidized bed. Multi-solid fluidized bed processes are also disclosed.

IPC 1-7

**C01B 3/44**; **B01J 8/24**

IPC 8 full level

**B01J 8/24** (2006.01); **B01J 8/38** (2006.01); **C01B 3/44** (2006.01); **C10G 11/20** (2006.01); **C10J 3/02** (2006.01); **C10J 3/46** (2006.01)

CPC (source: EP)

**B01J 8/388** (2013.01); **C01B 3/44** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9317958A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9317958 A1 19930916**; CA 2130994 A1 19930916; EP 0629176 A1 19941221; EP 0629176 A4 19951122; JP H07505570 A 19950622; NO 943113 D0 19940823; NO 943113 L 19940823; NZ 249452 A 19960126

DOCDB simple family (application)

**AU 9300099 W 19930305**; CA 2130994 A 19930305; EP 93905114 A 19930305; JP 51518593 A 19930305; NO 943113 A 19940823; NZ 24945293 A 19930305