

Title (en)

Process and installation for the underground gasification of coal.

Title (de)

Verfahren und Anlage zur Kohlenvergasung Untertage.

Title (fr)

Procédé et installation de gazéification souterraine de charbon.

Publication

EP 0067079 A1 19821215 (FR)

Application

EP 82400780 A 19820429

Priority

FR 8111149 A 19810605

Abstract (en)

[origin: ES8307885A1] This invention relates to the gasification of coal. An oxygen jet having a pointed flame is engendered in situ, so as to strike the coal with a sheath of steam. The resultant fuel gas is drawn off while flowing in counterflow with the jet of oxygen and is brought to the surface through the same bore which had served the purpose of supplying oxygen. The invention is particularly applicable to the underground gasification of coal in situ.

Abstract (fr)

L'invention concerne la gazéification du charbon. On produit in situ un jet d'oxygène (21) à dard (22) entrant en impact avec le charbon avec une enveloppe (30) de vapeur d'eau. Le gaz combustible est extrait en un courant (F') s'écoulant à contre-courant du jet d'oxygène et est ramené à la surface au travers du même forage qui a servi à l'arrivée d'oxygène. Application à la gazéification souterraine et in situ du charbon.

IPC 1-7

E21B 43/243; **E21B 36/02**; **E21B 7/14**

IPC 8 full level

E21B 43/28 (2006.01); **E21B 7/14** (2006.01); **E21B 36/02** (2006.01); **E21B 43/243** (2006.01)

CPC (source: EP US)

E21B 7/14 (2013.01 - EP US); **E21B 36/02** (2013.01 - EP US); **E21B 43/243** (2013.01 - EP US); **Y10S 48/06** (2013.01 - EP US)

Citation (search report)

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EP 0067079 A1 19821215; **EP 0067079 B1 19850626**; AT E14035 T1 19850715; AU 546520 B2 19850905; AU 8386582 A 19821209; CA 1212898 A 19861021; DE 3264409 D1 19850801; ES 512848 A0 19830801; ES 8307885 A1 19830801; FR 2507204 A1 19821210; FR 2507204 B1 19850705; IN 158484 B 19861122; JP S57212295 A 19821227; NZ 200837 A 19860221; US 4479540 A 19841030; ZA 823560 B 19830330

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