

Title (en)

METHOD FOR JOINT-MINING OF COALBED GAS AND COAL

Title (de)

VERFAHREN ZUR GLEICHZEITIGEN GEWINNUNG VON KOHLEBETTGAS UND KOHLE

Title (fr)

PROCÉDÉ D'EXTRACTION MINIÈRE CONJOINTE DE GAZ DE HOUILLE ET DE CHARBON

Publication

**EP 2899363 A1 20150729 (EN)**

Application

**EP 13838778 A 20130918**

Priority

- CN 201210356627 A 20120921
- CN 2013083781 W 20130918

Abstract (en)

Provided is a method for joint-mining of coalbed gas and coal. The method comprises: a well-drilling step; a fracturing and penetration step; a coalbed gas extraction step; an ignition step; and, an underground gasification step. The method combines an underground coal gasification technology and a coalbed gas extraction technology, not only allows for utilization of the high temperature of underground gasification to heat a coalbed, thus increasing the permeability of a coal seam and increasing the recovery rate of the coalbed gas, but also allows for utilization of the coalbed gas to perform the drilling and fracturing and penetration processes, thus increasing the efficiency of underground coal gasification.

IPC 8 full level

**E21B 43/00** (2006.01)

CPC (source: EP US)

**E21B 7/046** (2013.01 - US); **E21B 41/0064** (2013.01 - US); **E21B 43/00** (2013.01 - EP US); **E21B 43/006** (2013.01 - EP US); **E21B 43/164** (2013.01 - EP US); **E21B 43/2401** (2013.01 - US); **E21B 43/247** (2013.01 - US); **E21B 43/2605** (2020.05 - EP US); **E21B 43/295** (2013.01 - EP US)

Cited by

CN113719284A; CN105201548A; CN111396011A; CN111579749A; GB2528581A; CN112800576A; CN110552678A; US2023126834A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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