

Title (en)

IGNITING AN UNDERGROUND COAL SEAM IN AN UNDERGROUND COAL GASIFICATION PROCESS, UCG

Title (de)

ZÜNDEN EINES UNTERIRDISCHEN KOHLEFLÖZES IN EINEM UNTERIRDISCHEN KOHLENVERGASUNGSVERFAHREN

Title (fr)

ALLUMAGE D'UNE VEINE DE CHARBON SOUTERRAINE DANS UN PROCESSUS DE GAZÉIFICATION DE CHARBON SOUTERRAIN (UCG)

Publication

EP 2675995 A1 20131225 (EN)

Application

EP 12747601 A 20120220

Priority

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Abstract (en)

[origin: WO2012109711A1] An ignition apparatus (150) configured to ignite an underground coal seam (151). The ignition apparatus (150) comprising an ignition system, a positioning system, a sensor (170) and a controller (165). The ignition system comprises ignition means and an ignition tool (155) for igniting the underground coal seam (151) from within the well channel (154) or well liner encasing the well channel (154). The positioning system comprises coiled tubing (156) connected to the ignition tool (155) and extendible through a well head (153) within the well channel (154) to position the ignition tool (155) at a desired location within the well channel (154). The positioning system further comprises a spool (157) for transporting and dispensing the coiled tubing (156).

IPC 8 full level

E21B 43/243 (2006.01); **E21B 43/295** (2006.01)

CPC (source: EP RU US)

C10J 3/18 (2013.01 - RU); **E21B 43/243** (2013.01 - EP US); **E21B 43/295** (2013.01 - RU)

Citation (search report)

See references of WO 2012109711A1

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