

Title (en)

FLUE GAS INJECTION FOR HEAVY OIL RECOVERY

Title (de)

RAUCHGASEINSPRITZUNG FÜR SCHWERÖLGEWINNUNG

Title (fr)

INJECTION DE GAZ EFFLUENTS POUR L'EXTRACTION DE L'HUILE LOURDE

Publication

**EP 1875039 A1 20080109 (EN)**

Application

**EP 06705108 A 20060206**

Priority

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- CA 2505449 A 20050427

Abstract (en)

[origin: CA2505449A1] A variety of methods for thermal recovery of natural gas and bitumen from a formation containing the latter. In general, the methods incorporate a series of existing, but previously uncombined technologies. A modified flue gas from the steam generators conventionally used in a SAGD recovery operation is injected into the formation to enhance recovery with the produced fluids, natural gas, bitumen, inter alia are further processed. The injection of the flue gas conveniently is disposed of and further acts to repressurize the formation which otherwise becomes depressurized when depleted of natural gas. Accordingly, environmental and economic advantages are realized with the methodology.

IPC 8 full level

**E21B 43/24** (2006.01); **C09K 8/58** (2006.01)

CPC (source: EP GB KR)

**C09K 8/58** (2013.01 - KR); **C10G 1/04** (2013.01 - EP); **E21B 41/0064** (2013.01 - EP); **E21B 43/164** (2013.01 - EP); **E21B 43/166** (2013.01 - GB); **E21B 43/168** (2013.01 - GB); **E21B 43/18** (2013.01 - EP); **E21B 43/24** (2013.01 - GB KR); **E21B 43/2408** (2013.01 - EP); **F22B 33/18** (2013.01 - EP); **Y02C 20/40** (2020.08 - EP); **Y02P 30/00** (2015.11 - EP); **Y02P 90/70** (2015.11 - EP)

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