Title (en)

METHODS AND ARRANGEMENTS FOR CARBON DIOXIDE STORAGE IN SUBTERRANEAN GEOLOGICAL FORMATIONS

Title (de)

VERFAHREN UND ANORDNUNGEN FÜR KOHLENSTOFFDIOXIDSPEICHERUNG IN UNTERIRDISCHEN GEOLOGISCHEN FORMATIONEN

Title (fr)

PROCÉDÉS ET AGENCEMENTS POUR LE STOCKAGE DE DIOXYDE DE CARBONE DANS DES FORMATIONS GÉOLOGIQUES SOUTERRAINES

Publication

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Application

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Abstract (en)

[origin: WO2012017010A1] The invention concerns an arrangement (1) for injecting CO2 in a supercritical state into a subterranean geological formation (2), said arrangement comprising: a conduit (3) having a proximal portion (4) and a distal portion (5), at least part of said distal portion (5) extending in a substantially horizontal direction; multiple openings (6a-6z) being provided in said distal portion (4) of said conduit (3) for injection of CO2 into said geological formation (2);wherein said multiple openings (6a-6z) are provided with outflow limiting means (7) for limiting the flow rate of CO2 through respective said opening (6a-6z) into said geological formation (2). The invention also concerns a method for storage of CO2 by said arrangement.

IPC 8 full level

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