

Title (en)

METHOD FOR SEPARATING GASEOUS CO₂ CONTAINED IN A GAS MIXTURE

Title (de)

VERFAHREN ZUM TRENNEN VON GASFÖRMIGEM CO₂, DAS IN EINER GASMISCHUNG ENTHALTEN IST

Title (fr)

PROCEDE DE SEPARATION DE CO₂ GAZEUX CONTENU DANS UN MELANGE DE GAZ

Publication

EP 2106283 A2 20091007 (FR)

Application

EP 08761801 A 20080124

Priority

- FR 2008000087 W 20080124
- FR 0700482 A 20070124

Abstract (en)

[origin: FR2911517A1] The method involves suspending a porous product that captures carbondioxide gas, in a liquid phase, where the porous product is chosen from activated carbon, zeolite and quintinite-3T. A nitrogen and carbondioxide gas mixture is dispersed in the liquid phase at a temperature ranging between zero and 100 degree celsius and at a pressure that is equal to/higher than an atmospheric pressure. The captured carbondioxide gas is collected.

IPC 8 full level

B01D 53/02 (2006.01); **C01B 32/50** (2017.01)

CPC (source: EP US)

B01D 53/025 (2013.01 - EP US); **B01D 2253/102** (2013.01 - EP US); **B01D 2253/108** (2013.01 - EP US); **B01D 2257/504** (2013.01 - EP US); **Y02C 20/40** (2020.08 - EP US)

Citation (search report)

See references of WO 2008110676A2

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