

Title (en)
METHOD AND APPARATUS FOR VAPORISING CARBON DIOXIDE-RICH LIQUID

Title (de)
VERFAHREN UND VORRICHTUNG ZUM VERDAMPFEN EINER KOHLENDIOXIDREICHEN FLÜSSIGKEIT

Title (fr)
PROCEDE ET APPAREIL DE VAPORISATION DE LIQUIDE RICHE EN DIOXYDE DE CARBONE

Publication
EP 2872818 A2 20150520 (FR)

Application
EP 13744701 A 20130705

Priority
• FR 1256777 A 20120713
• FR 2013051608 W 20130705

Abstract (en)
[origin: WO2014009641A2] In a method for vaporising a carbon dioxide-rich liquid flow in which a first carbon dioxide-rich liquid flow (5) is drawn from an enclosure (S1) containing carbon dioxide-rich liquid and carbon dioxide-rich gas, the gas being at pressure P1, the first liquid flow is sent to a heat exchanger (7) where it vaporises, all the liquid from the first flow vaporises in the heat exchanger at a pressure or a plurality of pressures greater than P1, the first vaporised flow is discharged from the heat exchanger, expanded in a first expansion valve (V2) and sent back to the heat exchanger, where it heats up again.

IPC 8 full level
F17C 5/06 (2006.01); **C01B 32/50** (2017.01); **F17C 7/04** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2014009641A2

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