(12) UK Patent Application (19) GB (11) 2 414 688 (13) A

(43) Date of Printing by UK Office 07.12.2005

(21) Application No: **0517444.6**

(22) Date of Filing: **26.03.2004**

(30) Priority Data:
(31) **20031458** (32) **28.03.2003** (33) **NO**

(86) International Application Data:
PCT/NO2004/000089 En 26.03.2004

(87) International Publication Data:
WO2004/085037 En 07.10.2004

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(51) INT CL[7]:
B01D 53/26 , C10L 3/10

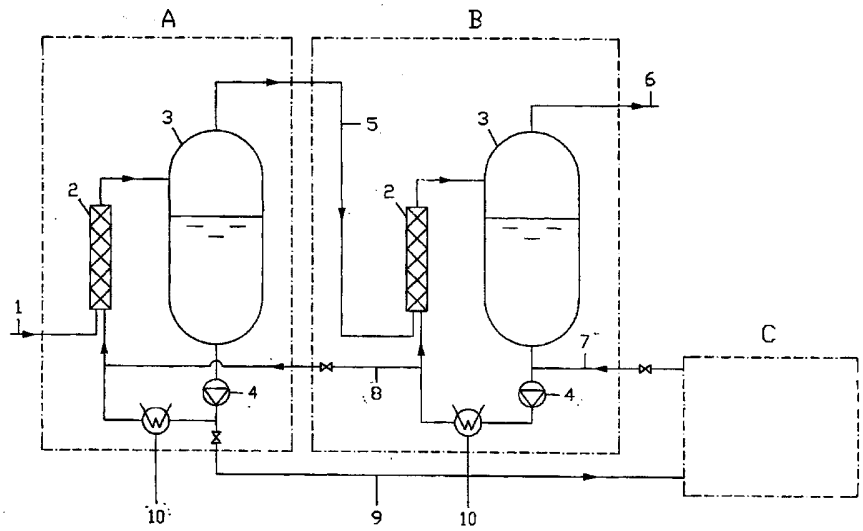
(52) UK CL (Edition X):
B1L LBA L101 L312 L608

(56) Documents Cited by ISA:
WO 2000/056844 A1 **WO 1999/013969 A1**

(58) Field of Search by ISA:
INT CL[7] **B01D, C10L**
Other: **EPO-INTERNAL, WPI DATA**

(54) Abstract Title: **System for drying gas and use of the system**

(57) A system for drying gas, for example removing moisture (water) from natural gas in connection with the extraction of oil and gas, comprising a drying unit for drying the gas by means of a drying liquid that is mixed with the gas and a regeneration unit (C) that regenerates the gas. The drying unit comprises one or more processing stages (A, B) where each stage comprises a mass transfer unit in the form of a static mixer unit or pipe loop (2) in which the gas is mixed with the drying liquid and passed in the direction of flow of the drying liquid to a gas/liquid separator (3), and where the gas is designed to be passed on the next stage (B) or on to an outlet (6), while the drying liquid is passed to the regeneration unit (C) and/or to the mass transfer unit (2) for the relevant processing stage(s) (A and/or B).



GB 2 414 688 A

GB 2414688 A continuation

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