

Title (en)
METHOD FOR EXTRACTING VOLATILE DEGRADATION PRODUCTS FROM THE ABSORPTION CIRCUIT OF A CO₂ SEPARATION PROCESS

Title (de)
VERFAHREN ZUM ABZUG VON LEICHT FLÜCHTIGEN DEGRADATIONSPRODUKTEN AUS DEM ABSORPTIONSMITTELKREISLAUF EINES CO₂ ABSCHIEDPROZESSES

Title (fr)
PROCÉDÉ DE TIRAGE DE PRODUITS DE DÉGRADATION LÉGÈREMENT VOLATILES À PARTIR D'UN CIRCUIT CENTRAL D'ABSORPTION D'UN PROCESSUS DE SÉPARATION DE CO₂

Publication
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Application
EP 12742898 A 20120801

Priority
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Abstract (en)
[origin: EP2559476A1] The method involves removing a condensate (6) by a downstream condensation process (5) during a desorption process (4), where degradation products (7) are purified to a large extent. A purified condensate (8) is formed, which is guided back to an absorption medium circuit (1). Cleaning of the condensate of degradation products is carried out by distillation process or by activated carbon wash process. An absorption medium (9), which is guided in the absorption medium circuit, is an aqueous solution of amine, amino acid, or potash. An independent claim is included for an apparatus for extraction of volatile degradation products from an absorption medium cycle by carbon dioxide deposition process.

IPC 8 full level
B01D 53/78 (2006.01); **B01D 53/96** (2006.01)

CPC (source: EP RU US)
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