

Title (en)
METHOD FOR PURIFYING A GAS FLOW IMPLEMENTING A CONTACTOR HAVING PARALLEL PASSAGES WHILE MAINTAINING THE PERFORMANCE THEREOF

Title (de)
VERFAHREN ZUR REINIGUNG EINES GASSTROMS DURCH IMPLEMENTIERUNG EINES SCHÜTZES MIT PARALLELEN PASSAGEN BEI GLEICHZEITIGER ERHALTUNG DER LEISTUNG

Title (fr)
PROCEDE DE PURIFICATION D'UN FLUX GAZEUX METTANT EN UVRE UN CONTACTEUR A PASSAGES PARALLELES PRESENTANT UNE CONSERVATION DE SES PERFORMANCES

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Application
EP 10779271 A 20101104

Priority
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• EP 2010066770 W 20101104

Abstract (en)
[origin: WO2011061056A1] The invention relates to a method for purifying a gas flow including at least a first compound selected from the compounds of a first group including water, ammonia, aromatics, alkane-, alkene-, or alkyne-type hydrocarbons containing at least 5 carbon atoms, aldehydes, ketones, halogen hydrocarbons, hydrogen sulfide, hydrogen chloride, and at least second and third compounds selected from the compounds of a second group including helium, hydrogen, nitrogen, oxygen, argon, carbon monoxide, carbon dioxide, hydrocarbons lower than C5, wherein said method comprises a variable-pressure adsorption (PSA) implementing at least one main adsorber (17-2) comprising at least one contactor having parallel passages, characterized in that said first compound is at least partially stopped upstream (17-1) from said main adsorber.

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Citation (search report)
See references of WO 2011061056A1

Citation (examination)
• US 5531809 A 19960702 - GOLDEN TIMOTHY C [US], et al
• BABICKI MATT; HALL ET AL: "PSA technology hits the Fast Lane", 1 August 2003 (2003-08-01), pages 6 PP, XP055175607, Retrieved from the Internet <URL:http://www.xebecinc.com/pdf/e_h2x_fast_lane.pdf> [retrieved on 20150311]

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