

Title (en)  
ADSORBER WITH ROTARY DRYER

Title (de)  
ADSORBER MIT ROTIERENDEM TROCKNER

Title (fr)  
ADSORBEUR AVEC SECHEUR ROTATIF

Publication  
**EP 3174618 A1 20170607 (FR)**

Application  
**EP 15751050 A 20150720**

Priority  
• FR 1457481 A 20140801  
• FR 2015051992 W 20150720

Abstract (en)  
[origin: WO2016016543A1] A (V)PSA unit for purifying a gas stream by adsorption, comprising, arranged successively in the direction of flow of the feed gas stream: - a rotary-structured adsorbent wheel configured so as to drive the gas stream therethrough in an axial manner and allowing the feed gas to dry to a level corresponding to a dew point below -30°C; and - an adsorber with a centripetal radial configuration, comprising a bed of particulate adsorbent.

IPC 8 full level  
**B01D 51/10** (2006.01); **B01D 53/04** (2006.01); **B01D 53/047** (2006.01); **B01D 53/06** (2006.01); **B01D 53/26** (2006.01); **C01B 13/02** (2006.01)

CPC (source: CN EP US)  
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Citation (search report)  
See references of WO 2016016543A1

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**WO 2016016543 A1 20160204**; CN 107073383 A 20170818; EP 3174618 A1 20170607; FR 3024376 A1 20160205; FR 3024376 B1 20200717; US 10413859 B2 20190917; US 2017216760 A1 20170803

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**FR 2015051992 W 20150720**; CN 201580050049 A 20150720; EP 15751050 A 20150720; FR 1457481 A 20140801; US 201515500832 A 20150720