

Title (en)  
Method for drying filter cake

Title (de)  
Verfahren zur Trocknung eines Filterkuchens

Title (fr)  
Procédé de séchage de gâteau de filtration

Publication  
**EP 2703758 A1 20140305 (EN)**

Application  
**EP 13150720 A 20130109**

Priority  
CN 201210312610 A 20120829

Abstract (en)  
In order to overcome the problems that earlier methods have experienced, a method for drying filter cake is proposed, comprising the steps of:  
a) feeding wet filter cake into at least one drier (E101); b) feeding drier gas into said drier (E101); c) recovering solvent-containing gas from said drier (E101); d) feeding said solvent-containing gas to at least one cryogenic condensation system (E102); e) feeding at least one inert gas to said cryogenic condensation system (E102); f) condensing solvent from said solvent-containing gas; g) recovering solvent-free gas from said cryogenic condensation system (E102); and h) feeding said solvent-free gas to said drier (E101).

IPC 8 full level  
**F26B 21/04** (2006.01); **B01D 29/84** (2006.01); **F26B 25/00** (2006.01)

CPC (source: EP)  
**F26B 21/04** (2013.01); **F26B 25/006** (2013.01)

Citation (search report)  
• [Y] EP 0324566 A2 19890719 - CHEMICAL WASTE MANAGEMENT [US]  
• [Y] US 2010319397 A1 20101223 - LEE RON C [US], et al  
• [A] US 5103578 A 19920414 - RICKARD ROBERT S [US]  
• [A] EP 2484640 A1 20120808 - GUANGZHOU PUDE ENVIRONMENTAL PROT EQUIPMENT LTD [CN]  
• [A] US 2857680 A 19581028 - SIDNEY BERNFEST, et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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