

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC20160004924				
CRITERIOS PARA LA BÚSQUEDA (anexar pantallazo o reporte en PDF, junto con los boléanos utilizados**)				
Palabras clave utilizadas		An aqueous composition; esterified cellulose ether; neutralized; ammonium salt of carbonic acid, formic acid or acetic acid.		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: A61K9/48, B29C41/14. CPC (Opcional):		
DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)				
Informes/Base de datos	N° de solicitud/ Autor*	Fecha de Publicación/Presentación (DD/MM/AAAA)	Reiv. afectadas (con indicación, si procede, de las partes relevantes)	Categoría especiales de los documentos citados**
EPOQUENET, ORBIT, ESPACENET, USPTO	US2013/295188	7/noviembre/2013	1 a 12 N.I.	Y
	US2009/297565	3/Diciembre/2009	1 a 12 N.I.	Y
** Categorías especiales de documentos citados:				
“A” documento que define el estado general de la técnica no considerado como particularmente relevante. “E” solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior. “P” documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada.			“X” documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado. “Y” documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.	

Literatura no patente *Se incluye entre otros, toda la referencia de la literatura no patente.	
Fecha del reporte de búsqueda:	24/10/2018

ESPACENET

Cited in	International search	[Y]✕ US2013295188 (CADE DOMINIQUE NICOLAS [FR], et al) [Y] 1-15 * paragraphs [0010] , [0011] , [0014] , [0019] , [0020] , [0022] , [0024] , [0033]; example - *;
		[Y]✕ EP2476439 (SAMSUNG FINE CHEMICALS CO LTD [KR]) [Y] 1-15 * examples 6-8,13 *;
		[YD]✕ US2009297565 (MUELLER RAINER HELMUT [DE], et al) [YD] 1-15 * paragraph [0068]; examples 9-12 *;
		[Y]✕ GB2325623 (LILLY CO ELI [US]) [Y] 1-15 * page 20, line 9 - page 21, line 21 *

USPTO

uspto

Patents Trademarks Fees and payment Help MyUSPTO

Public Patent Application Information Retrieval

Patent eBusiness

Patent Application Information Retrieval

Global Dossier Order Certified Application As Filed Order Certified File Wrapper View Order List

15/308,792 DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER 75835-US-PCT

Select New Case Application Data Transaction History Image File Wrapper Continuity Data Published Documents/Attorney/Agent Assignments Display References

This application is officially maintained in electronic form. To View: Click the desired Document Description. To Download and Print: Check the desired document(s) and click Start Download.

Available Documents

Mail Room Date	Document Code	Document Description	Document Category	Page Count	PDF
05-18-2018	CTNF	Non-Final Rejection	PROSECUTION	8	
05-18-2018	SRFW	Search information including classification, databases and other search related notes	PROSECUTION	1	
01-30-2018	RCEX	Request for Continued Examination (RCE)	PROSECUTION	3	
01-30-2018	AF/D.132	Affidavit-traversing rejects or objects rule 132	PROSECUTION	3	
01-30-2018	WFEE	Fee Worksheet (SB06)	PROSECUTION	2	
01-30-2018	N417	EFS Acknowledgment Receipt	PROSECUTION	3	
01-30-2018	AMSB	Amendment Submitted/Entered with Filing of CPA/RCE	PROSECUTION	1	
01-30-2018	CLM	Claims	PROSECUTION	4	

Patent Information

Patent Searches

Other

Electronic Filing

Patent Application Information (PAIR)

Patent Ownership

Fees

Supplemental Resources & Support

Patent Guidance and General Info

Codes, Rules & Manuals

Employee & Office Directories

Resources & Public Notices

Patent Official Gazette

Search Patents & Applications

Search Biological Sequences

Copies, Products & Services

Copyrights

Trademarks

Policy & Law

Reports

ORBIT

Menu Explorer

Patent family searches (FamPat)

Search Step	Result(s)	Query	Assistant	Source	Action
11	2	9 AND (ESTERIFIED CELLULOSE ETHER)	Search history	FAMPAT	Show results Modify Save Alert Delete
10	83	8 AND 9	Search history	FAMPAT	Show results Modify Save Alert Delete
9	27382	(CARBONIC S (ACID OR FORMIC) S (ACID OR ACETIC) S ACID)/BI/SA/IN/PA	Easy search	FAMPAT	Show results Modify Save Alert Delete
8	5666	6 AND 7	Search history	FAMPAT	Show results Modify Save Alert Delete
7	86599	(AMMONIUM S SALT)/BI/SA/IN/PA	Easy search	FAMPAT	Show results Modify Save Alert Delete
6	143791	(AQUEOUS S COMPOSITION)/BI/SA/IN/PA	Easy search	FAMPAT	Show results Modify Save Alert Delete

Easy search

2 results for 9 AND (ESTERIFIED CELLULOSE ETHER) - Collection: FAMPAT

Filter options

1st application year

Assignee

Litigations

Oppositions

IPC classification

2 results for 9 AND (ESTERIFIED CELLULOSE ETHER) - Collection: FAMPAT

1 Capsule shells comprising an esterified cellulose ether

2 Dispersion comprising a partially neutralized esterified cellulose ether

Fig. 1

Capsule shells comprising an esterified cellulose ether

EPOQUENET



New connection on: : 24-10-2018 : 16:33:02 - Last disconnection on: : 24-10-2018 : 00:53:28

V 4.0.0.44358(LP, LJ, linux) (Rev:43856 2017-04-27 09:03:29 +0200M[D201802]) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[SS 8] ..fi

Select a database: ..FI EPODOC



Database: EPODOC

Records: 110.949.623

Terms: 1.467.363.440

Occurrences: 22.366.463.607

Last Update: 20181023

[EPODOC: SS 8] An and aqueous and composition and esterified and cellulose and ether

Results in EPODOC 10

[SS 9] ammonium and salt and of and carbonic and acid

Results in EPODOC 68

[SS 10] 8 and 9

Results in EPODOC 0

[SS 11] 8 and ammonium salt

Results in EPODOC 0

EPODOC: term 'AMMONIUM SALT' not found in index 'BI'. WARNING(1)

[SS 12] 8 and ammonium and salt

Results in EPODOC 2

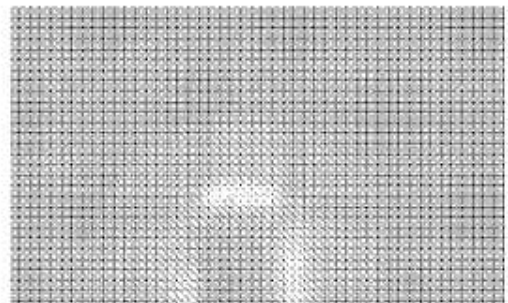
[SS 13] ..li pn ti ab



1/2 © EPODOC / EPO

PN - [US2017181976](#) A1 20170629

TI - (A1)
CAPSULE SHELLS COMPRISING AN
ESTERIFIED CELLULOSE ETHER
- (B2)
Capsule shells comprising an **esterified
cellulose ether**



AB - (A1 B2)

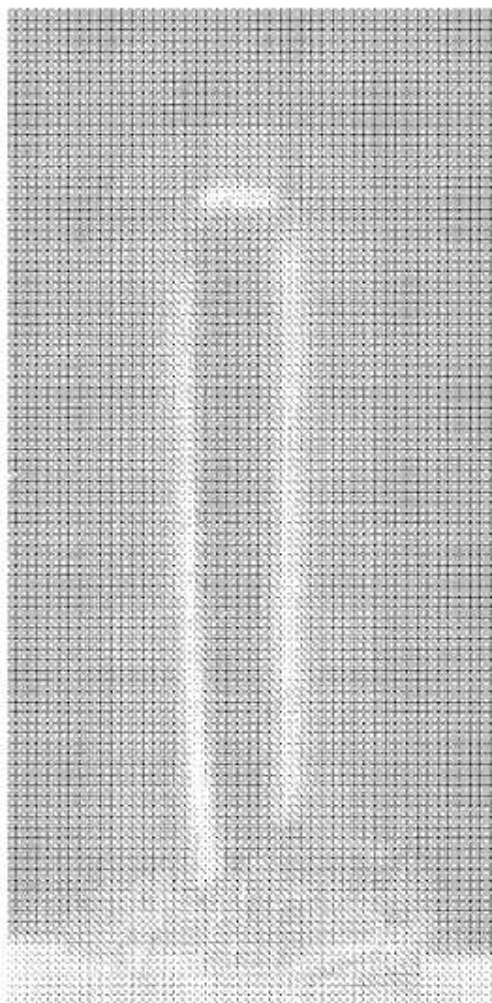
A polymeric capsule shell of high quality is prepared from an **aqueous composition** which comprises (A) at least one **esterified cellulose ether** comprising aliphatic monovalent acyl groups and groups of the formula —C(O)—R—COOH , R being a divalent aliphatic or aromatic hydrocarbon group, wherein at least a part of the groups —C(O)—R—COOH are neutralized with an **ammonium salt** of carbonic acid, formic acid or acetic acid, and (B) from 0 to 7 weight percent of a non-polymeric plasticizer, based on the weight of the **esterified cellulose ether**, wherein the weight of said at least one **esterified cellulose ether** is at least 80 percent of the total polymer weight in the **aqueous composition**.

2/2 © EPODOC / EPO

PN - [WO2015179073](#) A1 20151126

TI - CAPSULE SHELLS COMPRISING AN
ESTERIFIED CELLULOSE ETHER

AB - A polymeric capsule shell of high quality is prepared from an **aqueous composition** which comprises (A) at least one **esterified cellulose ether** comprising aliphatic monovalent acyl groups and groups of the formula —C(O)—R—COOH , R being a divalent aliphatic or aromatic hydrocarbon group, wherein at least a part of the groups —C(O)—R—COOH are neutralized with an **ammonium salt** of carbonic acid, formic acid or acetic acid, and (B) from 0 to 7 weight percent of a non-polymeric plasticizer, based on the weight of the **esterified cellulose ether**, wherein the weight of said at least one **esterified cellulose ether** is at least 80 percent of the



total polymer weight in the **aqueous composition**.

[SS 13]