

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: NC2017/0003121

CRITERIOS PARA LA BÚSQUEDA (Anexar pantallazo o reporte en PDF, junto con los boléanos utilizados*. Para el caso de secuencias, anexar alineamientos)

PALABRAS CLAVE UTILIZADAS coated α -sulfofatty acid alkyl ester salt particle zeolite mean particle size

CLASIFICACIONES UTILIZADAS PARA CIP:

LA BÚSQUEDA CPC

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 o números de secuencias)	Categorías especiales de los documentos citados***
SIPI (Obligatoria)				
ISA/IPEA (****) EPO KIPO EPO USPTO JPO KIPO Patbase* EPOQUE NET* ORBIT	JP2011116807	2011-06-16	1-7	Y
Google Patents Patent Lens Espacenet NCBI	JP2012126840	2012-07-05	1-7	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.

**** Indicar entre paréntesis la Autoridad que realizó la búsqueda o el informe preliminar Ejs: EPO, JP, INAPI.

Literatura no patente

**Se incluye entre otros, toda la referencia de la literatura no patente.

Fecha del reporte de búsqueda:

01-08-2018

[X]WO2012043699 (LION CORP [JP], et al) [X] 1-7 *, claims 1, 3, 4; paragraphs [0012], [0020] to [0021], [0036], [0038] to [0040], [0066] to [0070], [0092] to [0125] & KR 10-2013-0116255 A *;

[X]JP2011116807 (LION CORP) [X] 1-7 *, claims 1, 2; paragraphs [0004], [0009], [0019], [0022], [0033] to [0038] (Family: none) *

PatBase - Search results 02 August 2018

Search query (3): SFT=(coated and sulfofatty and particle and zeolite and mean and particle and size) and EC=(C11D1/28 or C11D11/00 or C11D17/06)

Results: 19

Search history

Search 1: SDSC=(Water and (Lauryl Sulfate) and (Ethoxylated Alcohol) and (Butadiene styrene) and Siloxane and Silica) (Results 13)

Search 2: SFT=(coated and sulfofatty and particle and zeolite and mean and particle and size) (Results 160)

Search 3: SFT=(coated and sulfofatty and particle and zeolite and mean and particle and size) and EC=(C11D1/28 or C11D11/00 or C11D17/06) (Results 19)

1) Family number: 2022695 (GB2166452A)

© PatBase

Title: Powder detergent of high density

2) Family number: 28111473 (US2001014657A)

© PatBase

Title: Nonionic surfactant granules by prilling

3) Family number: 28880554 (US2003144172A)

© PatBase

Title: TENSIDE GRANULES WITH IMPROVED DISINTEGRATION RATE

4) Family number: 29992978 (US2003171244A)

© PatBase

Title: DETERGENT COMPOSITIONS AND PROCESSES FOR PREPARING THE SAME

5) Family number: 31413683 (US2006160717A)

© PatBase

Title: POWDERS, FLAKES, OR PELLETS CONTAINING SALTS OF A SULFO FATTY ACID

ALKYL ESTERS IN HIGH CONCENTRATIONS, PROCESS FOR PRODUCTION THEREOF, GRANULATED DETERGENTS, AND PROCESS FOR PRODUCTION THEREOF

6) Family number: 32238583 (US2007117737A)

© PatBase

Title: PARTICLES COMPRISING DISCRETE FINE-PARTICULATE SURFACTANT PARTICLES

7) Family number: 34296511 (US2008207481A)

© PatBase

Title: CONSUMER PRODUCTS HAVING VARYING ODORS

8) Family number: 44046660 (US2011086792A)

© PatBase

Title: PARTICLE CONTAINING ALKALI

9) Family number: 13165871 (US5519948A)

© PatBase

Title: Process for the production of granules suitable as wetting agents, detergents and/or cleaning products

10) Family number: 12608771 (US6133214A)

© PatBase

Title: Portioned detergent composition

11) Family number: 29613542 (US6228833B)

© PatBase

Title: Method for producing scent intensifying washing and cleaning detergents

12) Family number: 13211093 (US6534474B)

© PatBase

Title: SURFACTANT COMPOSITION

13) Family number: 13258285 (US6610752B)

© PatBase

Title: DEFOAMER GRANULES AND PROCESSES FOR PRODUCING THE SAME

14) Family number: 14069139 (US6780829B)

© PatBase

Title: Tenside granulates comprising fatty alcohol sulfate and olefin sulfonates

15) Family number: 15351630 (US7049279B)

© PatBase

Title: PROCESS FOR PREPARING DETERGENT GRANULES WITH AN IMPROVED DISSOLUTION RATE

16) Family number: 15321230 (US7199096B)

© PatBase

Title: DETERGENT TABLETS

17) Family number: 40496074 (WO07118733A1)

© PatBase

Title: WASHING OR CLEANSING AGENT GRANULATES

18) Family number: 41441659 (WO08015055A1)

© PatBase

Title: PARTICULATE WASHING OR CLEANING COMPOSITION

19) Family number: 11243034 (WO9422993A1)

© PatBase

Title: GRANULAR MATERIAL CONTAINING ALPHA -SULPHO FATTY-ACID ALKYL ESTERS

ORBIT
25 Documents

Publication numbers	Title	Current assignees
JP2012126840 A	Zeolite composite particle group	KAO
WO201652713 A1	Epoxy resin composition	NISSHINBO CHEMICAL
WO201803818 A1	Coated α -sulfofatty-acid-alkyl-ester-salt particle group	LION
WO200253498 A2	Fine zeolite particle	KAO
US4612342 A	Plastic compositions containing small particle size zeolites and mixtures	J M HUBER
WO200015553 A1	Zeolites and methods of making thereof	NOVEON
GB201219224 D0	Process for producing monobranched fatty acids or alkyl esters thereof	CRODA
IT7912870 D0	Method of producing zeolite Y	J M HUBER
US6413492 B1	Method of forming high aluminum aluminosilicate zeolites	ENGELHARD
AU7954030 A	PROCEDURE FOR THE PRODUCTION OF NATRIUMALUMINOSILIKAT ZEOLITES OF SMALL AND UNIFORM PARTICLE SIZE, IT RECEIVED ZEOLITE AND YOUR USE	J M HUBER
US6416732 B1	Method of forming aluminosilicate zeolites	ENGELHARD
US6451283 B1	Macroscopic aggregates of microcrystalline zeolites	ENGELHARD
WO2018125784 A1	Saturated branched chain fatty acid production method	US DEPARTMENT OF AGRICULTURE
WO2015144232 A1	Catalysts and methods for skeletal isomerization of unsaturated fatty acids	AMRIL
WO200514766 A2	Metal ion exchanged solid materials as catalysts for the arylation and the skeletal isomerization of fatty acids and alkyl	AKZO NOBEL

Publication numbers	Title	Current assignees
	esters thereof	
IT7919019 D0	Manufacture of zeolite a crystals of uniformly small particle size	FMC CORPORATION
US5863516 A	Micro particles	EXXON CHEMICAL
DE2924417 A1	Process of producing zeolite	TOYO SODA MANUFACTURING
WO200170629 A2	Process for manufacture of zeolites and zeolite mixtures having enhanced cation exchange properties, products produced thereby, and detergent compositions formulated therewith	PQ HOLDING
WO9842622 A1	Novel hybrid zeolite-silica compositions	ENGELHARD
WO200053710 A1	Detergent compositions	PROCTER & GAMBLE
US4330518 A	Synthesis of zeolites of small and uniform size having a high magnesium exchange capacity	J M HUBER
US20030191330 A1	Skeletal isomerization of alkyl esters and derivatives prepared therefrom	AKZO NOBEL
EP-683150 A1	Process for the preparation of branched chain fatty acids and alkyl esters thereof	KAO
US4075280 A	Preparation of improved zeolites	J M HUBER