INFORME DE BÚSQUEDA DE PATENTES	
N° de solicitud: NC20170005416	
CRITERIOS PARA LA BÚSQUEDA (anexar pantallazo o reporte en PDF, junto con los boléanos utilizados)**	
Palabras clave utilizadas	Phenyl Compounds; Aldehyde Moieties; Perfumery; household care products.
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	**CIP:** C11B 9/00.
	CPC (Opcional):

DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc…)

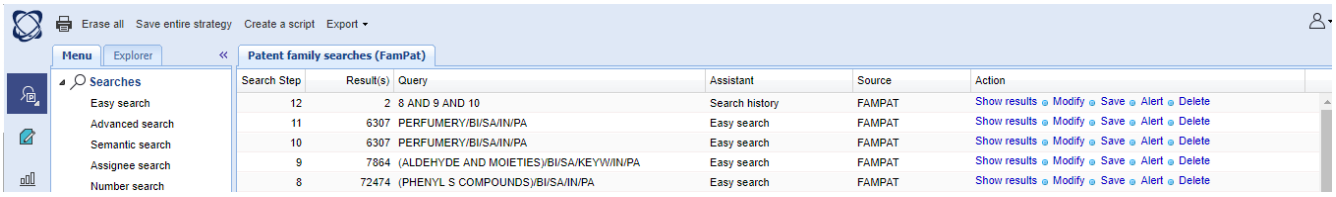
Informes/Base de datos	N° de solicitud/ Autor*	Fecha de Publicación/Presentación (DD/MM/AAAA)	Reiv. afectadas (con indicación, si procede, de las partes relevantes)	Categoría especiales de los documentos citados**
	US5527769	18/Junio/1996	1 a 9 NIVEL INVENTIVO	X
ORBIT; ESPACENET, EPOQUENET y USPTO	WO2013045301	4/Abril/2013	No aplica	A
	WO2013113533	8/Agosto/2013	No aplica	A
	US4486607	4/Diciembre/1984	No aplica	A

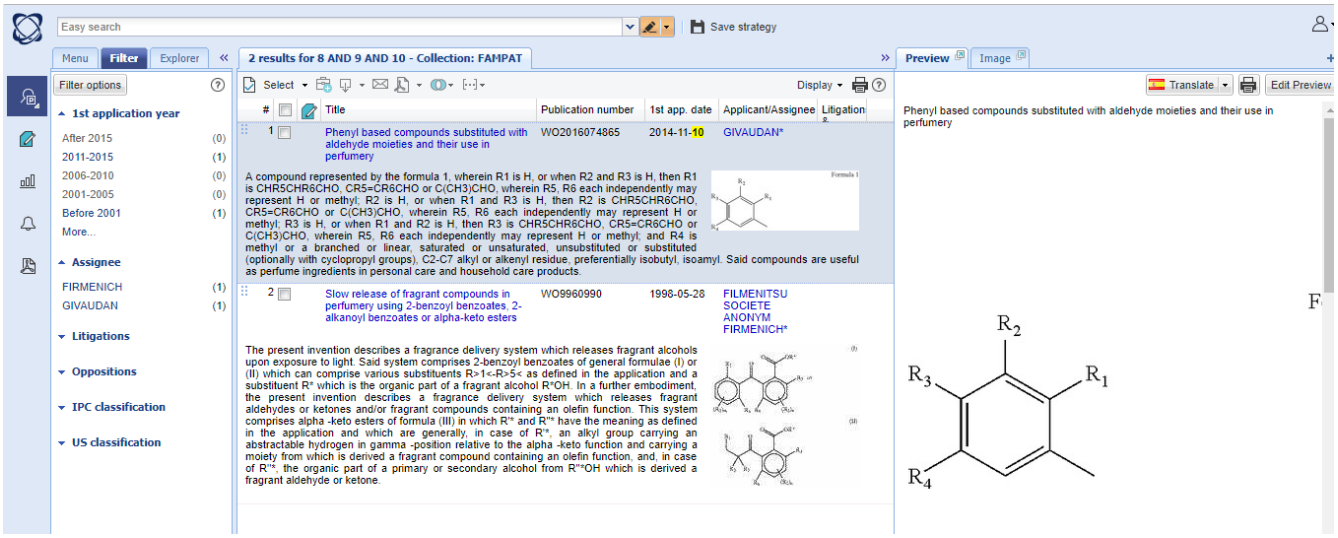
** Categorías especiales de documentos citados:

"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:	07/11/2018

ORBIT





ESPACENET

Cited in	**International search**	[XI] US5527769 (WINTER BEAT [CH], et al) [X] 1-8,10-12 * column 5, compound IV; column 3, lines 34-47; column 4, lines 8-11; scheme 1;; example 6; claims 1-6 * [I] 9;
		[XI] DE3703584 (CONSORTIUM ELEKTROCHEM IND [DE]) [X] 1,3-5 * page 5, lines 19-41;; claims 1-8 * [I] 6-12;
		[A] WO2009027957 (PROCTER & GAMBLE [US], et al) [A] 1-12 * table 1 *
		[XI] - G. SKOUROUMOUNIS ET.AL., "96. Synthesis of 1,3,4,5-tetrahydro-2-benzoxepin derivatives as conformationally restricted analogues of cyclamaldehyde-type compounds and as intermediates of highly odour-active homologues", HELVETICAL CHIMICA ACTA, (1996), vol. 79, pages 1095 - 1109, XP002752190 [X] 1-5 * page 1099, scheme 4, compounds 15a-d; table 1, compound 15a; table 2, compound 17a * [I] 6-12 **DOI:** http://dx.doi.org/10.1002/hlca.19960790418
		[X] - HUOJI CHEN ET.AL., "Facile synthesis of (E)-alkenyl aldehydes from allyl arenes or alkenes via Pd(II)-catalyzed direct oxygenation of allylic C-H bond", ORGANIC LETTERS, (2011), vol. 13, pages 992 - 994, XP002752191 [X] 1 * table 2, compound 2i * **DOI:** http://dx.doi.org/10.1021/ol1030316

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Patent Application Information Retrieval

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15/516,810 **Phenyl Based Compounds Substituted with Aldehyde Moieties and their Use in Perfumery** **102790-421**

Select New Case | Application Data | Transaction History | Image File Wrapper | Continuity Data | Foreign Priority | Published Documents | Address & 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
10-26-2018	ADS	Application Data Sheet	PROSECUTION	8	
10-26-2018	ADS	Application Data Sheet	PROSECUTION	9	
10-26-2018	IDS	Information Disclosure Statement (IDS) Form (SB08)	PROSECUTION	5	
10-26-2018	FOR	Foreign Reference	PRIOR ART	22	
10-26-2018	FOR	Foreign Reference	PRIOR ART	50	
10-26-2018	FOR	Foreign Reference	PRIOR ART	27	
10-26-2018	NPL	Non Patent Literature	PRIOR ART	12	
10-26-2018	NPL	Non Patent Literature	PRIOR ART	4	
10-26-2018	NPL	Non Patent Literature	PRIOR ART	10	

EPOQUENET

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V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

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Database: EPODOC

Records: 111.129.295
Terms: 1.470.659.091
Occurrences: 22.460.642.419
Last Update: 20181106

[EPODOC: SS 1] Phenyl Compounds

Results in EPODOC **0**

EPODOC: term 'PHENYL COMPOUNDS' not found in index 'BI'. *WARNING(1)*

[SS 2] Phenyl and Compounds

Results in EPODOC **65.836**

[SS 3] Aldehyde

Results in EPODOC **55.996**

[SS 4] Perfumery

Results in EPODOC **2.667**

[SS 5] 2 and 3 and 4

Results in EPODOC **12**

[SS 6] care and products

Results in EPODOC **18.175**

[SS 7] 5 and 6

Results in EPODOC **4**

[SS 8] ..li ti ab pn

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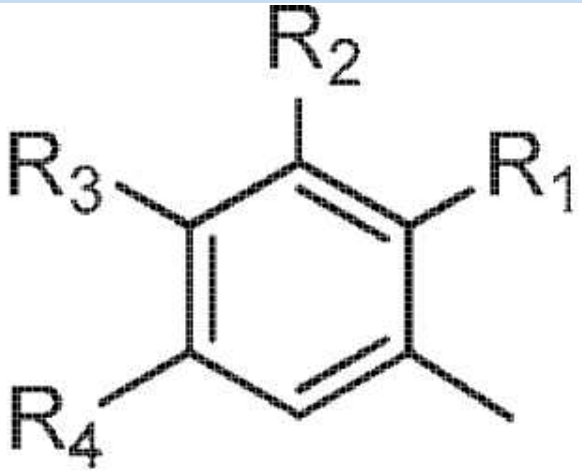
TI - **Phenyl** Based **Compounds** Substituted with **Aldehyde** Moieties and their Use in **Perfumery**

AB - Said **compounds** are useful as perfume ingredients in personal **care** and household **care products**.

PN - **US2017298291** A1 20171019



Formula 1

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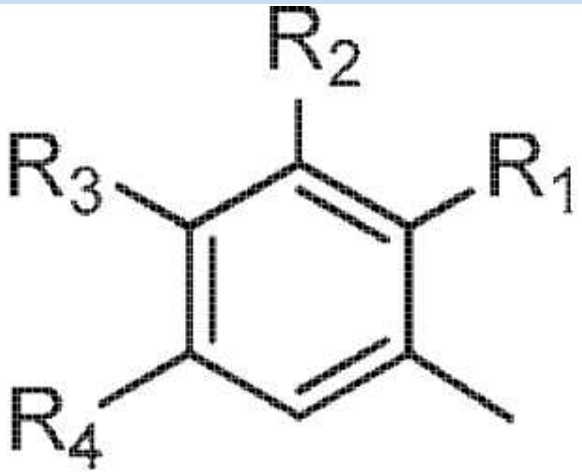
TI - **PHENYL** BASED **COMPOUNDS** SUBSTITUTED WITH **ALDEHYDE** MOIETIES AND THEIR USE IN **PERFUMERY**.

AB - A compound represented by the formula 1, wherein R1 is H, or when R2 and R3 is H, then R1 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3)CHO, wherein R5, R6 each independently may represent H or methyl; R2 is H, or when R1 and R3 is H, then R2 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3) CHO, wherein R5, R6 each independently may represent H or methyl; R3 is H, or when R1 and R2 is H, then R3 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3) CHO, wherein R5, R6 each independently may represent H or methyl; and R4 is methyl or a branched or linear, saturated or unsaturated, unsubstituted or substituted (optionally with cyclopropyl groups), C2-C7 alkyl or alkenyl residue, preferentially isobutyl, isoamyl.
Said **compounds** are useful as perfume



Formula 1

ingredients in personal **care** and household **care products**.

PN - **MX2017004717** A 20170726

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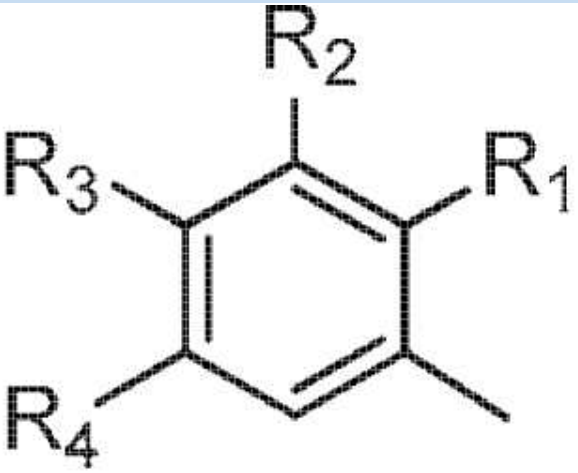
TI - **Phenyl** based **compounds** substituted with **aldehyde** moieties and their use in **perfumery**



Formula 1

AB - A compound represented by the formula 1, wherein R1 is H, or when R2 and R3 is H, then R1 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3)CHO, wherein R5, R6 each independently may represent H or methyl; R2 is H, or when R1 and R3 is H, then R2 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3) CHO, wherein R5, R6 each independently may represent H or methyl; R3 is H, or when R1 and R2 is H, then R3 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3) CHO, wherein R5, R6 each independently may represent H or methyl; and R4 is methyl or a branched or linear, saturated or unsaturated, unsubstituted or substituted (optionally with cyclopropyl groups), C2-C7 alkyl or alkenyl residue, preferentially isobutyl, isoamyl.
Said **compounds** are useful as perfume ingredients in personal **care** and household **care products**.

PN - **CN107074713** A 20170818

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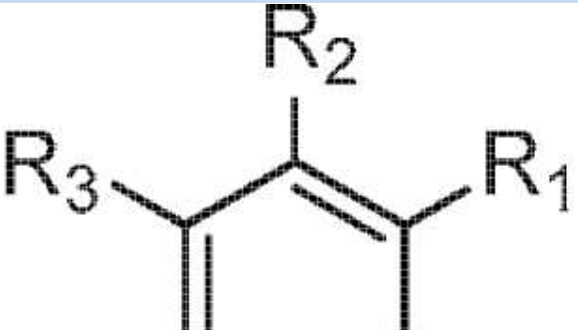
TI - **PHENYL** BASED **COMPOUNDS** SUBSTITUTED WITH **ALDEHYDE** MOIETIES AND THEIR USE IN **PERFUMERY**



AB - A compound represented by the formula 1, wherein R1 is H, or when R2 and R3 is H, then R1 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3)CHO, wherein R5, R6 each

	independently may represent H or methyl; R2 is H, or when R1 and R3 is H, then R2 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3) CHO, wherein R5, R6 each independently may represent H or methyl; R3 is H, or when R1 and R2 is H, then R3 is CHR5CHR6CHO, CR5=CR6CHO or C(CH3) CHO, wherein R5, R6 each independently may represent H or methyl; and R4 is methyl or a branched or linear, saturated or unsaturated, unsubstituted or substituted (optionally with cyclopropyl groups), C2-C7 alkyl or alkenyl residue, preferentially isobutyl, isoamyl. Said **compounds** are useful as perfume ingredients in personal **care** and household **care products**.

PN - **WO2016074865** A1 20160519

[SS 8]