

Search History:

Limited Classification Search

The Patent Analyst performed a limited classification search within the following US, IPC, CPC, ECLA, or F-Term classification areas:

CPC Class/Subclass(es): A01N 63/04; C12N 1/14; C12R 1/645 (2018.08)

IPC (8) Class/Subclass(es): A01N 63/04; C12N 1/14; C12R 1/645 (2018.01)

U.S. Class/Subclass(es): 435/171; 435/911; 435/7.31; 435/254.1

See Global Search Results.

Global Patent Literature Text Search

The Patent Analyst performed the following global text search, which was not limited by classification but may or may not have been limited by other criteria:

Minesoft PatBase: <https://www.patbase.com>

#	Search query	Results
1	PA=("VALENT" OR "VALENT_AMERICAN" OR "VALENT_APPLICATIONS_LTD" OR "VALENT_BIOSCIENCE_CORP" OR "VALENT_BIOSCIENCES" OR "VALENT_BIOSCIENCES_870_TECHNOLOGY_WAY_LIBERTYVILLE_CORP" OR "VALENT_BIOSCIENCES_COPORATION" OR "VALENT_BIOSCIENCES_CORP" OR "VALENT_BIOSCIENCES_CORP_870_TECHNOLOGY_WAY_LIBERTYVILLE_ILLINOIS" OR "VALENT_BIOSCIENCES_CORP_LIBERT" OR "VALENT_BIOSCIENCES_CORP_LIBERTY" OR "VALENT_BIOSCIENCES_CORP_LIBERTYVILLE" OR "VALENT_BIOSCIENCES_CORP_US" OR "VALENT_BIOSCIENCES_CORP870_TECHNOLOGY_WAYLIBERTYVILLEIL60048US" OR "VALENT_BIOSCIENCES_CORPORATIOIN" OR "VALENT_BIOSCIENCES_INC" OR "VALENT_BIOSCIENCES_LIBERTYVILLE_ILLINO_CORP" OR "VALENT_BIOSCIENCES_LIBERTYVILLE_ILLINOIS_CORP" OR "VALENT_BIOSCIENCES_LLC" OR "VALENT_BIOSCIENCES_LLC_LIBERTY" OR "VALENT_BIOSCIENCES_LLC_LIBERTYVILLE" OR "VALENT_BIOSCIENCES_PACE_INT_LLC_CORP" OR "VALENT_BIOSCIENCES_VALENT_U_S_A_CORP" OR "VALENT_BIOSCIENCES_VALENT_U_S_A_CORP_CORP" OR "VALENT_BIOSCIENCES_CORP" OR "VALENT_BOSCENCES_CORP" OR "VALENT_TECH_LLC" OR "VALENT_TECHNOLOGIES" OR "VALENT_TECHNOLOGIES_LLC" OR "VALENT_TECHNOLOGIES_LLC_MENLO_PARK" OR "VALENT_U_S_A" OR "VALENT_U_S_A_CORP" OR	330

	"VALENT_U_S_A_CORP_WALNUT_CREEK" OR "VALENT_U_S_A_CORPORATIONS" OR "VALENT_U_S_A_E_SUMITOMO_CHEMICAL_CO_LTD_CO RP" OR "VALENT_U_S_A_LLC" OR "VALENT_UDOVIT_ING_CSC" OR "VALENT_UDOVIT_ING_CSC_CS" OR "VALENT_USA" OR "VALENT_USA_A_CORP_OF_CA" OR "VALENT_USA_CORP" OR "VALENT_USA_CORPORATIONS" OR "VALENT_USA_LLC" OR "VALENT_USACORPORATION" OR "VALENT_V_S_A_CORP" OR "VALENTA_INTELLECT_LIABILITY_CO_LTD" OR "VALENTA_INTELLECT_LIMITED_LIABILITY_COMPANY" OR "VALENTA_INTELLECT_LTD_LIABILITY_CO" OR "VALENTA_INTELLECT_LTD_LIABILITY_COMPANY" OR "VALENTA_INTELLEKT" OR "VALENTA_INTELLEKT_LIABILITY_CO_LTD" OR "VALENTA_INTELLEKT_LIMITED_LIABILITY_COMPANY" OR "VALENTA_INTELLEKT_LTD" OR "VALENTA_INTELLEKT_LTD_LIABILITY_CO" OR "VALENTA_INTELLEKT_LTD_LIABILITY_COMPANY")	
2	PA=("INSTITUTO_BIOMAR_EDIFICIO_CEI_MOD_SA" OR "INSTITUTO_BIOMAR_EDIFICIO_CEI_MODULOS_SA" OR "INSTITUTO_BIOMAR_MOD_SA" OR "INSTITUTO_BIOMAR_POLIG_INDUSTRIAL_EDIFICIO_CEI _MOD" OR "INSTITUTO_BIOMAR_S" OR "INSTITUTO_BIOMAR_S_A" OR "INSTITUTO_BIOMAR_S_A_ONZONILLA" OR "INSTITUTO_BIOMAR_S_A_" OR "INSTITUTO_BIOMAR_SA" OR "INSTITUTO_BIOMARS_A" OR "INSTITUTO_BIOMARSA")	35
3	INV=("VINUESA_NAVARRO_MARIA_DE_LOS_ANGELES")	5
4	INV=("SANCHEZ_LOPEZ_JOSE" OR "SANCHEZ_LOPEZ_JOSE_ANTONIO" OR "SANCHEZ_LOPEZ_JOSE_ARTURO" OR "SANCHEZ_LOPEZ_JOSE_LUIS" OR "SANCHEZ_LOPEZ_JOSE_MARIA")	13
5	INV=("BRANSCOME_DEANNA" OR "BRANSCOME_DEANNA_D")	11
6	INV=("BRAZIL_EMILE" OR "BRAZIL_EMILIO_ASHTON_VITAL" OR "BRAZIL_EMILY" OR "BRAZIL_EMILY_E")	12
7	INV=("DICKENSON_R" OR "DICKENSON_R_US" OR "DICKENSON_REBECCA" OR "DICKENSON_REBECCA")	7
8	INV=("HEIMAN_D" OR "HEIMAN_DANIEL" OR "HEIMAN_DANIEL_F" OR "HEIMAN_DANIEL_F_LIBERTYVILLE" OR "HEIMAN_DANIEL_FEULNER" OR "HEIMAN_DANIEL_FEULNER_LIBERTYVILLE_IL_60048_US " OR "HEIMAN_DANIEL_FEULNER_LIBERTYVILLE_ILLINOIS" OR "HEIMAN_DANIEL_FEULNER_LIBERTYVILLE_ILLINOIS_60 048" OR "HEIMAN_DANIEL_FEULNER_LIBERTYVILLE_ILLINOIS_ "	42

	OR "HEIMAN_DANIEL_FUELNER" OR "HEIMAN_DANIEL_FUELNER_LIBERTYVILLE_IL_60048_US")	
9	INV=("WANG_G" OR "WANG_G_T" OR "WANG_G_US" OR "WANG_GARY" OR "WANG_GARY_CHORNG_JYH" OR "WANG_GARY_KAI_HSIEN" OR "WANG_GARY_LIBERTYVILLE" OR "WANG_GARY_P" OR "WANG_GARY_PING" OR "WANG_GARY_T" OR "WANG_GARY_T_LIBERTYVILLE" OR "WANG_GARY_T_WANG_LE_WANG_XILU_WENDT_MICHAEL_D_HANSEN_TODD_M_PARK_CHANG_H" OR "WANG_GARY_T_WANG_SHELDON_GENTLES_ROBERT" OR "WANG_GARY_TUS")	112
10	INV=("ZHENG_ZUOXING" OR "ZHENG_ZUOXING_BUFFALO_GROVE" OR "ZHENG_ZUOXING_ROMAN_MICHAEL_G" OR "ZHENG_ZUOXING_ROMAN_MICHAEL_G_MONCKTON_USAN_P")	23
11	(1 OR 2) AND (3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10)	59
12	(Chaunopycnis alba) OR ("C" WF1 "alba") OR (Tolypocladium album) OR ("T" WF1 "album")	44
13	11 AND 12	0
14	terpendole%	37
15	12 AND 14	0
16	PN=US20160017003	1
17	IC=(A01N63/04 OR C12R1/645 OR C12N1/14)	26706
18	CPC=(A01N63/04 OR C12R1/645 OR C12N1/14)	7203
19	UC=(435/7.31 OR 435/171 OR 435/254.1 OR 435/911)	3972
20	12 AND 17	8
21	12 AND 18	4
22	12 AND 19	4

GOOGLE PATENT: www.google.com/advanced_patent_search

No. of Hits	Text String
249	Tolypocladium album
0	terpendole Tolypocladium album
0	terpendole Tolypocladium
19	Chaunopycnis alba
0	Chaunopycnis alba terpendole
0	terpendole Chaunopycnis OR Tolypocladium
12,500	synthesis Chaunopycnis OR Tolypocladium

Computer Accessed Text Databases Searched

The Patent Analyst searched the following computer accessed text databases:

GOOGLE: www.google.com

No. of Hits	Text String
523	terpendole Tolypocladium album
27,100	Tolypocladium album
3,600	Chaunopycnis alba
295	terpendole Chaunopycnis alba
5	HL-105-64-AC11 ((Tolypocladium album) OR (Chaunopycnis alba))
0	"HL-105-64-AC11" ((Tolypocladium album) OR (Chaunopycnis alba))
0	"PTA-124560" ((Tolypocladium album) OR (Chaunopycnis alba))

PubMed: www.ncbi.nlm.nih.gov/pubmed/advanced

Items found	Query
130	(((((Sanchez Lopez, Jose[Author]) OR Sanchez Lopez, Jose M[Author]) OR Sanchez Lopez, Jose Manuel[Author]) OR Sanchez Lopez J[Author]) OR Sanchez Lopez JM[Author])
13	Brazil E[Author]
9	(Dickenson, Rebecca[Author]) OR Dickenson R[Author]
98	((((Heiman, Daniel[Author]) OR Heiman, Daniel F[Author]) OR Heiman D[Author]) OR Heiman DF[Author])
23444	((((Wang, Gary T[Author]) OR Wang, Gary[Author]) OR Wang G[Author]) OR Wang GT[Author])
0	((((((((Sanchez Lopez, Jose[Author]) OR Sanchez Lopez, Jose M[Author]) OR Sanchez Lopez, Jose Manuel[Author]) OR Sanchez Lopez J[Author]) OR Sanchez Lopez JM[Author])) AND (((((Heiman, Daniel[Author]) OR Heiman, Daniel F[Author]) OR Heiman D[Author]) OR Heiman DF[Author])) AND (((((Wang, Gary T[Author]) OR Wang, Gary[Author]) OR Wang G[Author]) OR Wang GT[Author]))
0	((((((((Heiman, Daniel[Author]) OR Heiman, Daniel F[Author]) OR Heiman D[Author]) OR Heiman DF[Author])) AND (((((Wang, Gary T[Author]) OR Wang, Gary[Author]) OR Wang G[Author]) OR Wang GT[Author]))
0	((((((((Wang, Gary T[Author]) OR Wang, Gary[Author]) OR Wang G[Author]) OR Wang GT[Author])) AND (((((Sanchez Lopez, Jose[Author]) OR Sanchez Lopez, Jose M[Author]) OR Sanchez Lopez, Jose Manuel[Author]) OR Sanchez Lopez J[Author]) OR Sanchez Lopez JM[Author]))
0	((((((((Heiman, Daniel[Author]) OR Heiman, Daniel F[Author]) OR Heiman D[Author]) OR Heiman DF[Author])) AND (((((Sanchez Lopez, Jose[Author]) OR Sanchez Lopez, Jose M[Author]) OR Sanchez Lopez, Jose Manuel[Author]) OR Sanchez Lopez J[Author]) OR Sanchez Lopez JM[Author]))
171	Tolypocladium
1	Tolypocladium album
19	terpendole
0	(Tolypocladium) AND terpendole
1	Chaunopycnis alba

Date search was completed: 15 December 2018

JJ/JJ