

CA Subject Searching Assignment Answers

Question #1

=> FILE LCA

FILE 'LCA' ENTERED AT 09:19:29 ON 19 JAN 90
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LCA IS A STATIC LEARNING FILE

=> E DUTTON, P/AU

E1	1	DUTTON, CARL E/AU
E2	2	DUTTON, H J/AU
E3	0 -->	DUTTON, P/AU
E4	1	DUTTON, P L/AU
E5	6	DUTTON, P LESLIE/AU
E6	2	DUTTON, R/AU
E7	1	DUTTON, R W/AU
E8	1	DUTTON, ROBERT E/AU
E9	1	DUTZ, H/AU
E10	1	DUURSMA, EGBERT/AU
E11	1	DUURSMA, S A/AU
E12	1	DUVA, ROBERT/AU

=> S E4-E5 AND PHOTOSYNTHESIS

	1	"DUTTON, P L"/AU
	6	"DUTTON, P LESLIE"/AU
	199	PHOTOSYNTHESIS
L1	4	("DUTTON, P L"/AU OR "DUTTON, P LESLIE"/AU) AND PHOTOSYNTHESIS

=> D CBIB

L1 ANSWER 1 OF 4

CA91(11):87228f The bacteria. Energy conversion processes in bacterial photosynthesis. Dutton, P. Leslie; Prince, Roger C. (Sch. Med., Univ. Pennsylvania, Philadelphia, PA 19174, USA). Bacteria, Volume 6, 523-84. Edited by: Ornston, L. Nicholas; Sokatch, J. R. Academic: New York, N. Y. (Eng) 1978. CODEN: 18BMAG.

Question #2

=> FILE LCA

FILE 'LCA' ENTERED AT 14:06:04 ON 21 JAN 90
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LCA IS A STATIC LEARNING FILE

=> S HYDRODESULFURIZATION CATALY?

	31	HYDRODESULFURIZATION
	2219	CATALY?
L1	14	HYDRODESULFURIZATION CATALY? (HYDRODESULFURIZATION (W) CATALY?)

=> S HYDRODESULFURIZATION CATALY?/AB

	12	HYDRODESULFURIZATION/AB
	1571	CATALY?/AB
L2	2	HYDRODESULFURIZATION CATALY?/AB (HYDRODESULFURIZATION (W) CATALY?)/AB

=> S L1 OR L2

L3 15 L1 OR L2

=> S L3 AND P/DT

9232 P/DT

L4 7 L3 AND P/DT

=> D CBIB 1-4

L4 ANSWER 1 OF 7

CA101(12):94323m Catalysts based on aluminum oxide, silicon dioxide, or a mixture of the two and their use in the hydrotreatment of petroleum oils. Toulhoat, Herve; Plumail, Jean Claude; Mercier, Marc; Jacquin, Yves (Societe Francaise des Produits pour Catalyse (PRO CATALYSE), Fr.). Ger. Offen. DE 3338352 A1, 26 Apr 1984, 30 pp. (Ger). CODEN: GWXXBX. CLASS: B01J37/00, B01J23/70, B01J35/02, B02C19/12, B02C23/00, C10G47/20, C10G49/04, C10G45/06, C10G45/08, C10G45/12, C10G1/06, C10G35/095. APPLICATION: Appl. 3338352, 21 Oct 1983; FR Appl. 82/17769, 21 Oct 1982.

L4 ANSWER 2 OF 7

CA101(12):94318p Molybdenum loading for a heavy oil hydrodesulfurization catalyst. (Nippon Shokubai Kagaku Kogyo Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 59/62346 A2 [84/62346], 9 Apr 1984, 4 pp. (Japan). CODEN: JKXXAF. CLASS: B01J27/18, B01D53/36. APPLICATION: Appl. 82/171003, 1 Oct 1982.

L4 ANSWER 3 OF 7

CA91(12):94869u Recovery of valuable metals in spent hydrogenation-desulfurization catalyst for petroleum oils. Nakazawa, Genichi; Okajima, Yasuhiro; Takamatsu, Keiji (Sumitomo Metal Mining Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 54/68720 [79/68720], 2 Jun 1979, 7 pp. (Japan). CODEN: JKXXAF. CLASS: C22B23/04. APPLICATION: Appl. or Pr. 77/135351, 11 Nov 1977.

L4 ANSWER 4 OF 7

CA91(12):94246p Hydrodesulfurization of petroleum oils with a waste catalyst. Sakabe, Tsutomu; Ojima, Yoshimoto; Kondo, Teruo; Ukekawa, Koji; Matsumura, Akimitsu; Yagi, Takeo; Hamada, Shuji (Agency of Industrial Sciences and Technology; Niigata Engineering Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 54/40806 [79/40806], 31 Mar 1979, 5 pp. (Japan). CODEN: JKXXAF. CLASS: C10G13/02, B01J23/88, B01J23/94. APPLICATION: Appl. or Pr. 77/107567, 7 Sep 1977.

Question #3

=> S (ANTIPERSPIR!NT# OR DEODOR!NT#) AND STICK#

4 ANTIPERSPIR!NT#

16 DEODOR!NT#

4 STICK#

L5 1 (ANTIPERSPIR!NT# OR DEODOR!NT#) AND STICK#

=> D

L5 ANSWER 1 OF 1

AN CA91(12):96521y

TI Wax-like antiperspirant stick compositions

AU Geary, Daniel C.; Kreveld, Helga

CS American Cyanamid Co.

LO USA

PI U.S. US 4151272, 24 Apr 1979, 5 pp.

AI Appl. or Pr. 710951, 2 Aug 1976

CL 424-68; A61K7/34, A61K7/36, A61K7/38

SC 62-4 (Essential Oils and Cosmetics)

DT P

CO USXXAM

PY 1979

LA Eng

Question #4

=> S (FIBER# OR FABRIC# OR CLOTH? OR TEXTILE# OR WOOL OR COTTON)
AND (WATERPROOF? OR WATER PROOF? OR WATER REPELLAN?)
1151 FIBER#
146 FABRIC#
38 CLOTH?
266 TEXTILE#
89 WOOL
209 COTTON
69 WATERPROOF?
2514 WATER
33 PROOF?
4 WATER PROOF?
(WATER(W)PROOF?)
2514 WATER
7 REPELLAN?
1 WATER REPELLAN?
(WATER(W)REPELLAN?)
L9 25 (FIBER# OR FABRIC# OR CLOTH? OR TEXTILE# OR WOOL OR COTTON
) AND (WATERPROOF? OR WATER PROOF? OR WATER REPELLAN?)

=> S L9 AND P/DT

9232 P/DT
L10 16 L9 AND P/DT

=> S L10 AND (MINNESOTA/CS AND MINING/CS)

166 MINNESOTA/CS
70 MINING/CS
L11 2 L10 AND (MINNESOTA/CS AND MINING/CS)

=> D 1-2 CBIB

L11 ANSWER 1 OF 2

CA101(12):92748e Fluoroaliphatic radical-containing, substituted
guanidines and fibrous substrates treated with them. Chang, John;
Howells, Richard D.; Williams, Kathryn L. (Minnesota Mining and Mfg.
Co. , USA). Eur. Pat. Appl. EP 108512 A2, 16 May 1984, 43 pp.
Designated States: CH, DE, FR, GB, IT, LI, NL (Eng). CODEN: EPXXDW.
CLASS: C07C129/12, C07C143/74, D06M15/54. APPLICATION: Appl.
83/306116, 10 Oct 1983; US Appl. 440330, 9 Nov 1982; US Appl. 440317,
9 Nov 1982.

L11 ANSWER 2 OF 2

CA101(12):91625a 1-Halomethyl-2-alkoxyethyl acrylates and methacrylates.
Howells, Richard D. (Minnesota Mining and Mfg. Co. , USA). Eur. Pat.
Appl. EP 107944 A1, 9 May 1984, 29 pp. Designated States: CH, DE,
FR, GB, IT, LI (Eng). CODEN: EPXXDW. CLASS: C07C69/653, C07C69/67.
APPLICATION: Appl. 83/306181, 12 Oct 1983; US Appl. 433970, 13 Oct
1982.

=> S WINE AND CHROMATOG?

79 WINE

1250 CHROMATOG?

L12 7 WINE AND CHROMATOG?

=> D TI 1-7

L12 ANSWER 1 OF 7

TI Quantitative thin-layer chromatography of foods and beverages

L12 ANSWER 2 OF 7

TI High-performance liquid chromatography analyses of phenolic compounds in grape must and wine

L12 ANSWER 3 OF 7

TI Gas chromatographic analysis of furfural and hydroxymethyl furfural in wine

L12 ANSWER 4 OF 7

TI Flavor of foods and beverages. Possibilities of characterizing wine quality and vine varieties by means of capillary chromatography

L12 ANSWER 5 OF 7

TI Determination of organic acids in wine by chromatographic methods

L12 ANSWER 6 OF 7

TI Detection of diethyl carbonate additive in beverages. Increase of detection limit

L12 ANSWER 7 OF 7

TI Paper-chromatographic testing of invertase activity in musts and wines