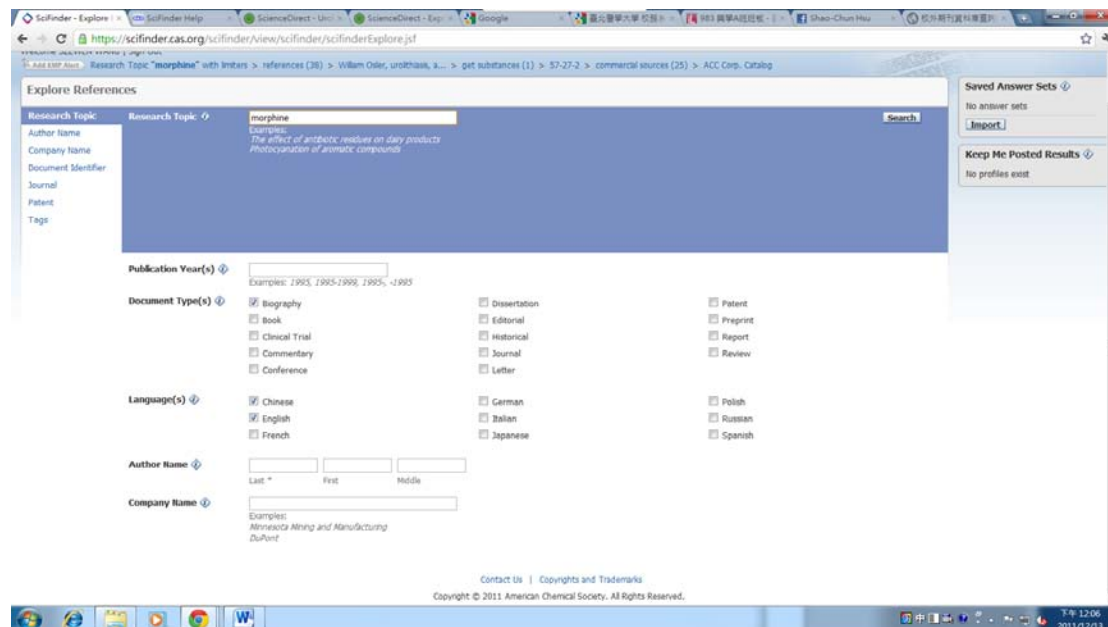
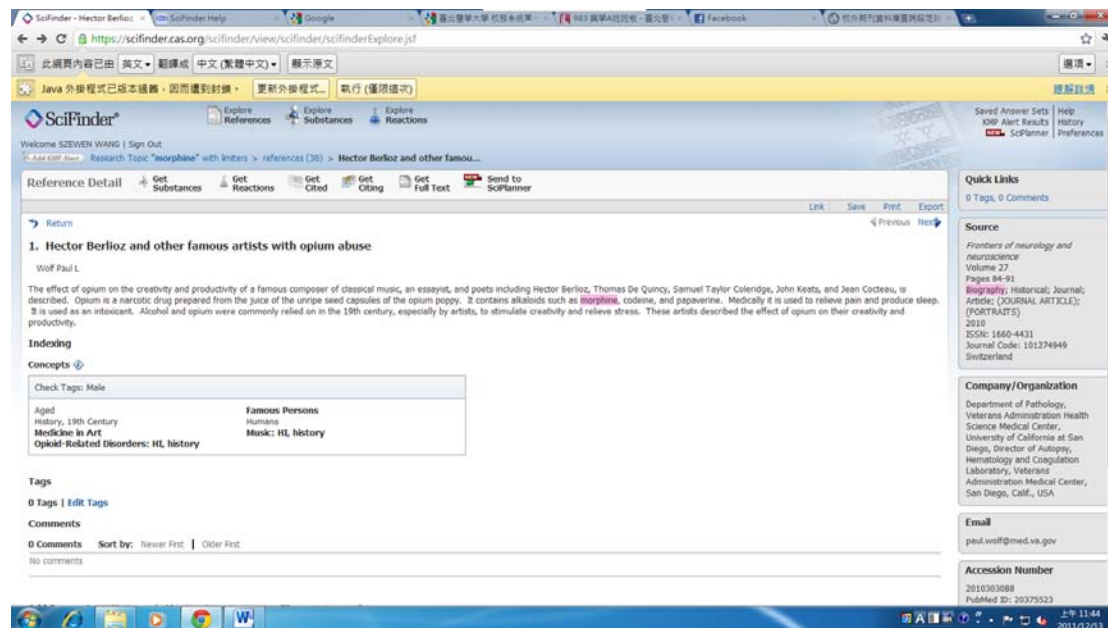


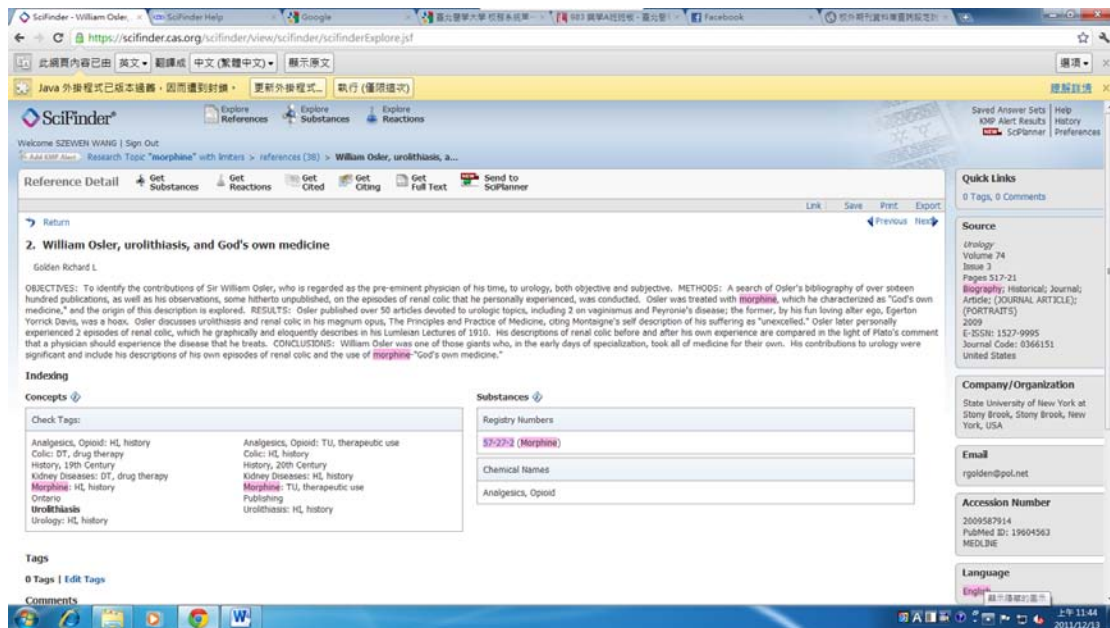
SciFinder 資料庫作業 藥三 A b303098016 王思文

Step1.資料查詢：登入主畫面後輸入欲查詢的關鍵字並可在下方勾選其他選項來縮小搜尋目標

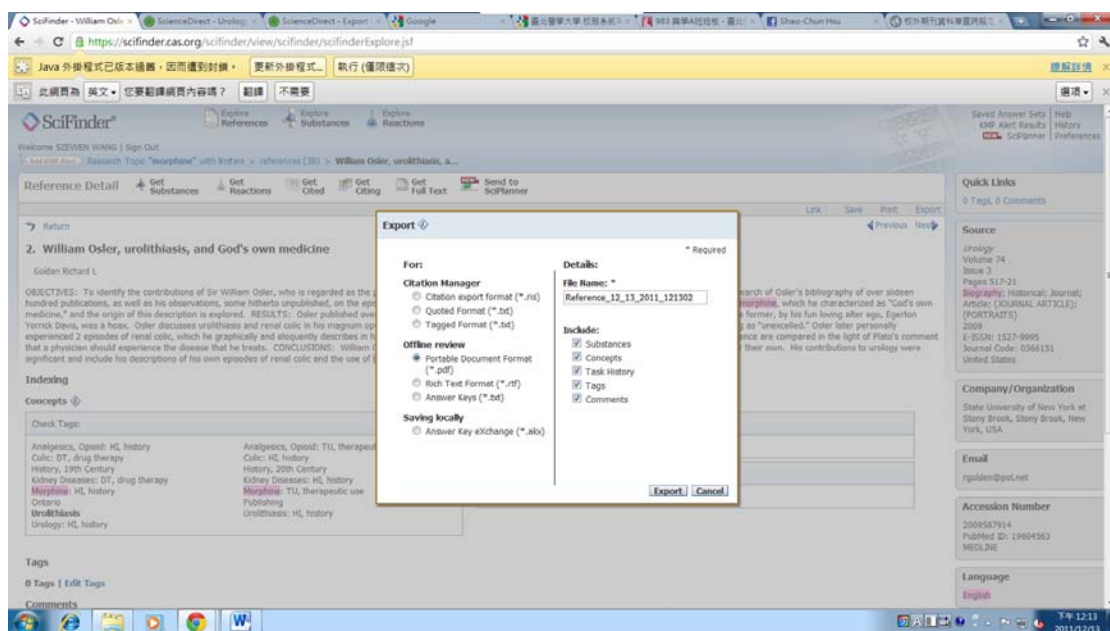


Step2.搜尋完畢後即可點選符合所需的標題名稱進去觀看





Step3.我們可以把未看完的資料下載到自己的電腦裡，如此就能隨時想看看



以上是最簡單的查詢方式，我們可以點選右邊的「分析」、「分類」更進一步查詢想得到的資訊(如下圖)。

SciFinder - References

4657 References

1. Preemptive peritoneal ketamine infiltration: posts...
 2. The effect of the addition of ketorolac (ketorolac)...
 3. Opioid titration and conversion in patients receive...
 4. Randomized, double-blind, controlled trial of early...
 5. Intravenous application of xenon reduces opioid requirement and postoperative pain in patients undergoing major abdominal surgery: a randomized controlled trial

Categorize

1. Select a heading and category.

2. Select index terms of interest.

Category Heading: All, Biotransformation, General chemistry, Analytical chemistry, Environmental chemistry, Technology, Chemical & protein chemistry, Physical chemistry, Synthetic chemistry, Polymer chemistry

Category: Proteins & peptides (150), Biotransformation (7), Macromolecular substances (24), Genetics (14), Nucleic acids (13), Chemical & protein chemistry, Technology, Physical chemistry, Synthetic chemistry, Polymer chemistry

Select All, Deselect All

Index Terms: Caffeine, Adenosine, Fluorouracil, Pentoxifylline, Deoxyribose, Adenosine Triphosphate, Thiophylline, Gene expression, Genetic element, exon, Thrombin, mRNA

Selected Terms: Caffeine, Adenosine, Fluorouracil, Pentoxifylline, Deoxyribose, Adenosine Triphosphate, Thiophylline, Gene expression, Genetic element, exon, Thrombin, mRNA

Genetics & protein chemistry > Nucleic acids > 3 Index Term(s) Selected

OK Cancel

SciFinder - Reference Detail

1. Comparison of postoperative pain outcomes after vertical or Pfannenstiel incision for major gynecologic surgery

Habb Ashraf S; Wahl Kent; Gu Jechun; Gan Tong J

OBJECTIVE: The Pfannenstiel incision is commonly used for gynecologic surgery. It is not known if this incision is associated with less postoperative pain compared to a vertical midline incision. Therefore, as part of a study to evaluate the postoperative analgesic effects and dose response of intravenous adenosine in patients undergoing open abdominal gynecologic surgery, this manuscript compares postoperative pain and analgesic consumption in patients who had a midline vertical incision or a Pfannenstiel incision. RESEARCH DESIGN AND METHODS: This is a secondary analysis of data from a primary study investigating the dose response of IV adenosine for postoperative analgesia. Women scheduled for elective major gynecologic surgery under general anesthesia were enrolled and randomly assigned to receive one of four doses of intraoperative adenosine infusion (25, 50, 100, or 200 microg/kg/min) or matching placebo (normal saline). The anesthetic technique was standardized and adjusted based on hemodynamic and depth of anesthesia (bispectral index) values. Postoperative analgesia was provided with a standard-dose morphine patient-controlled analgesia protocol which included rescue boluses, as needed. Comparative outcome analysis of the midline and Pfannenstiel skin incisions with regards to analgesic consumption and pain scores was performed and presented in this manuscript. RESULTS: A total of 165 patients were identified; 105 women had a Pfannenstiel incision and 60 had the lower midline abdominal incision. There were no differences between the midline and Pfannenstiel groups with respect to intraoperative fentanyl, postoperative pain scores [worst pain scores 0-24 h (mean +/- SD) 8.2 +/- 2.1 vs. 8.2 +/- 1.9, p = 0.332], cumulative opioid consumption [0-24 h morphine equivalents (mean +/- SD) 63 +/- 27 vs. 72 +/- 43 mg, p = 0.496], or need for rescue boluses. While the duration of surgery was longer in patients who had a vertical incision (p = 0.02), there was no difference between the groups in the duration of post-anesthesia care unit (44 +/- 53 vs. 30 +/- 45 min, p = 0.093) or hospital stays (74 +/- 27 vs. 67 +/- 20 h, p = 0.254). CONCLUSIONS: There was no significant difference in postoperative pain and opioid consumption in patients undergoing major abdominal gynecologic surgery performed with either a midline or Pfannenstiel incision. However, it is important to note that since this is a secondary analysis of data from a primary study investigating the dose response of IV adenosine, the patients were not prospectively randomized into the two incision types.

Indexing

Check Tag: Female

Abdomen: SU, surgery
 Adolescent
 Adult
 Analgesics: AD, administration & dosage
 Gynecologic Surgical Procedures: AT, adverse effects
 Infusions, Intravenous
 Pain Measurement
 Placebos
 Young Adult

Substances

Registry Numbers
 58-61-7 (Adenosine)

Chemical Names
 Analgesics Placebos

Tags
 0 Tags | Edit Tags

Comments
 0 Comments | Sort by: Newest First | Older First

Quick Links
 0 Tags, 0 Comments

Source
 Current medical research and opinion
 Volume 25
 Issue 6
 Pages 1529-34
 (CLINICAL TRIAL, PHASE II);
 (COMPARATIVE STUDY); Journal;
 Article; (JOURNAL ARTICLE);
 (MULTICENTER STUDY);
 (RANDOMIZED CONTROLLED TRIAL); (RESEARCH SUPPORT, NON-U.S. GOV'T); (CLINICAL TRIAL)
 2009
 E-ISSN: 1473-4877
 Journal Code: 0351054
 England: United Kingdom

Company/Organization
 Department of Anesthesiology,
 Duke University Medical Center,
 Durham, NC 27710, USA.
 (Adenosine Study Group)

Email
 habb001@mc.duke.edu

Accession Number
 2010186105
 PubMed ID: 19438408
 MEDLINE

Language
 English

除了文字上的查詢，還可利用化學結構來找相關資訊喔!(就像藥化教科書一般，活性部分、合成方式、立體結構等應有盡有。如下圖)

The screenshot displays the SciFinder CAS Registry web application. The main content area shows the entry for Morphine (CAS Registry Number: 57-27-2). The chemical structure of Morphine is displayed, showing its absolute stereochemistry. A 'Get Reactions' dialog box is open, allowing users to limit results by reaction role. The dialog box includes a search bar and a list of roles: Product, Reactant, Reagent, Reactant or reagent, Catalyst, Solvent, and Any role. The 'Get' button is highlighted.

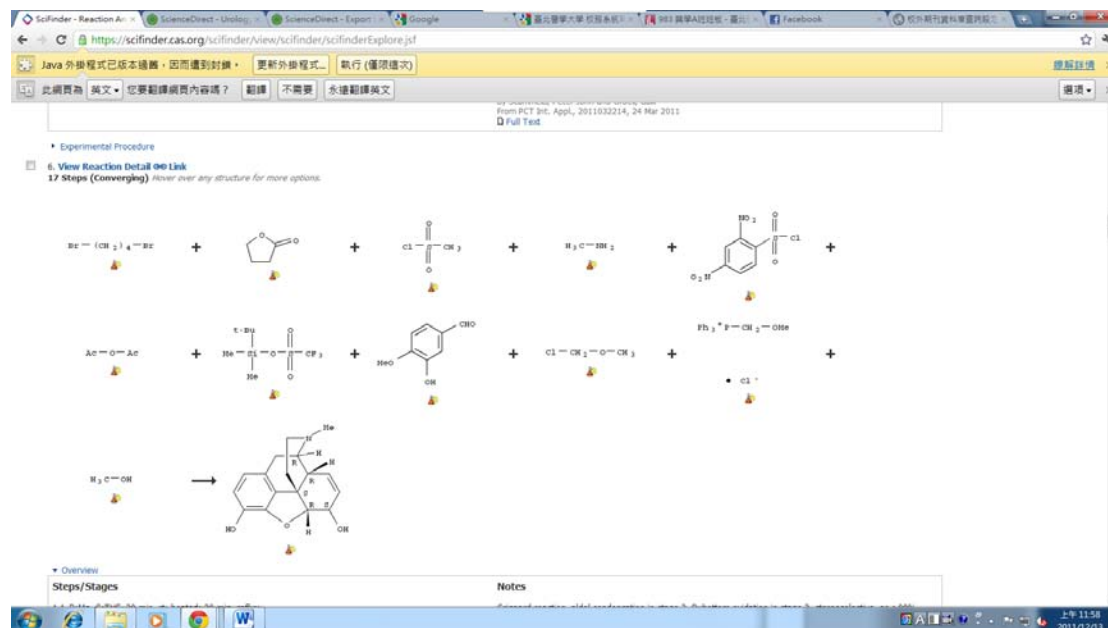
Get Reactions

Limit results by reaction role:

- ☒ Product
- ☐ Reactant
- ☐ Reagent
- ☐ Reactant or reagent
- ☐ Catalyst
- ☐ Solvent
- ☐ Any role

Get **Cancel**

還可把查詢物設定為產物、反應物、催化物等等來看看他參與了哪些反應。而且在反應室中的所有東西，也可以再進一步查詢，無限延伸(如下圖)。

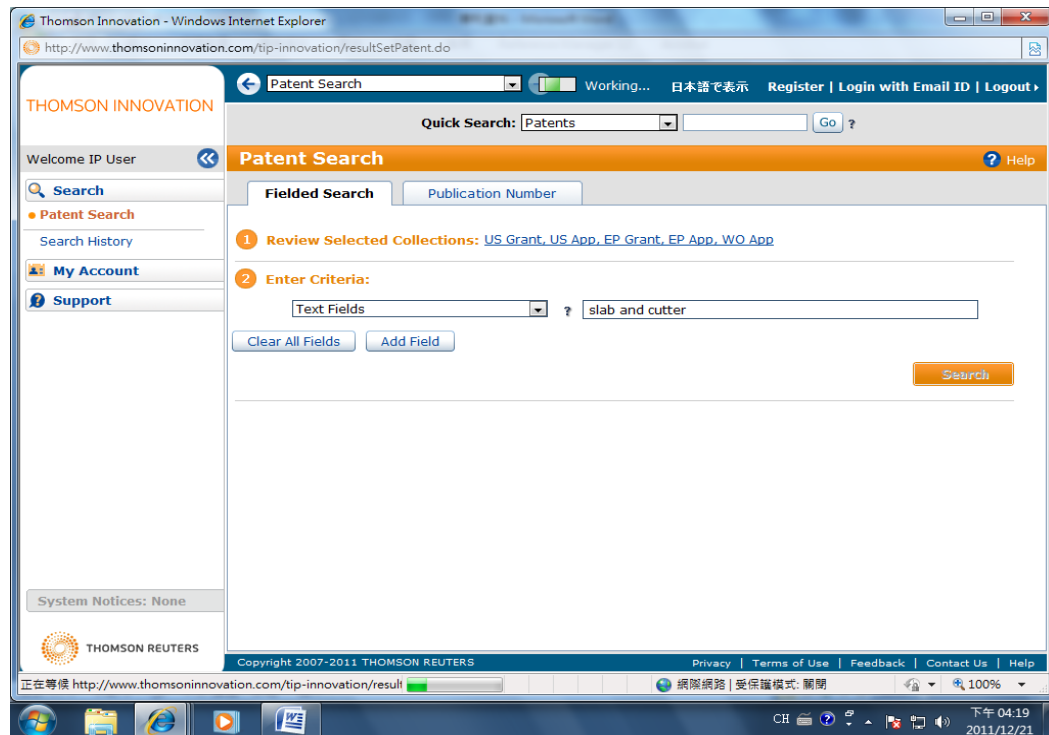


心得:

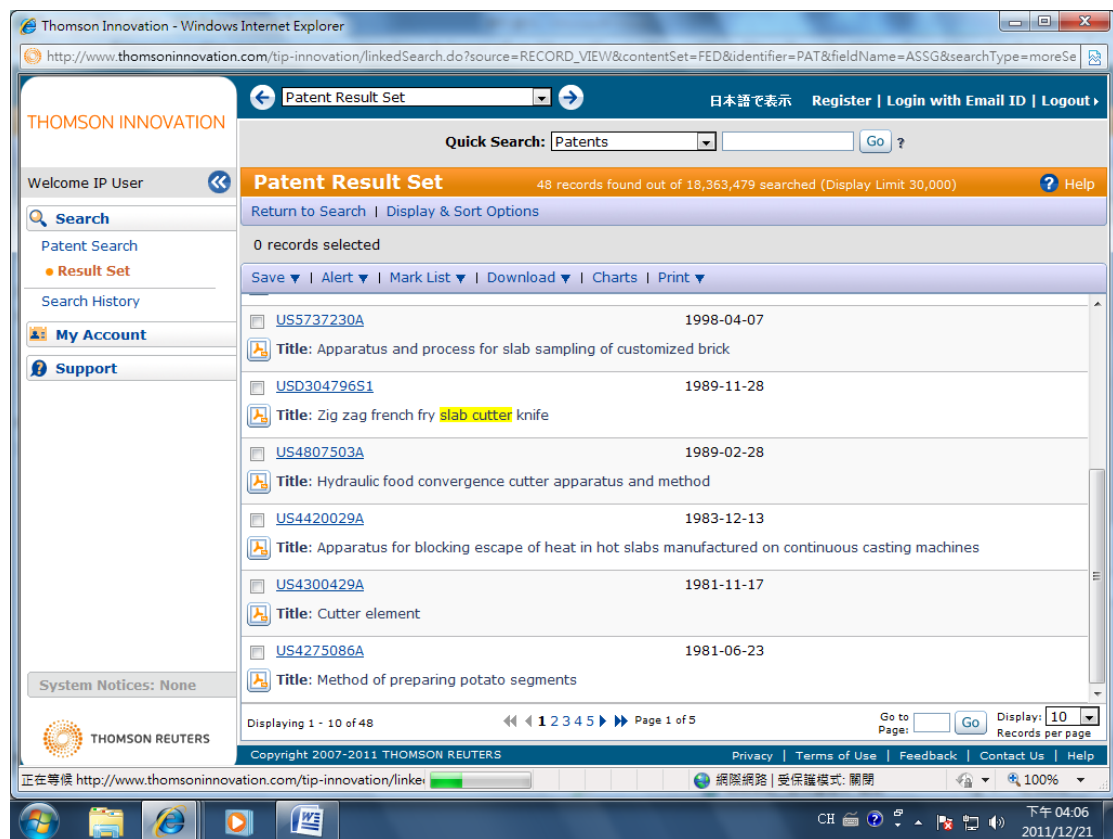
在我認識 SciFinder 資料庫之前二年級時，其他老師有介紹過 PubMed 查詢系統，但學過 scifinder 覺得他超級好用，雖然搜尋方式很多種類，但介面配置清楚，學生容易上手且資料豐富多元化。我個人最欣賞 scifinder 如「旁生枝節」般的查訊功能，可以無限延伸搜尋讓何自己感興趣的東西，另外他分類查詢的功能也非常強大，讓使用者在短時間內立即找到所需要的資料，非常方便，而且還能在資料上劃記螢光筆呢！唯一較不方便是，學校購買的 scifinder 一次最多只能登入兩位使用者，如果要緊急使用它時卻已經上限額滿，只能默默等待。為了避面霸佔情況發生，scifinder 也有「輸出功能」把所查到的文獻資料下載到電腦或隨身碟中，即可回家慢慢閱讀。

Thomson Innovation 專利查詢作業 藥三 A B303098016 王思文

Step1.進入 Thomson innovation 後輸入關鍵字按下查詢即可



Step2.資料庫會列出所有相關文獻，依照標提點選即可觀看內容。



基本上所有專利申請都需要付上詳細的圖文說明，因此在資料中可看見圖表。

Thomson Innovation - Windows Internet Explorer
http://www.thomsoninnovation.com/tip-innovation/recordView.do?pager.offset=6&recordCount=7&parentIds=null&totalRecords=48&fromRecordView=false&datasource=

Patent Record View - US4807503A

Record View: Patent US4807503A

Add to Work File | Mark Record | Watch Record | Download | Print

Quick View

DWPI Title ?
Hydraulic food convergence cutter has converging tube segment for accelerating and aligning food product to be cut, also deceleration loop

Original Title ?
Hydraulic food convergence cutter apparatus and method

Abstract ?
In a hydraulic food cutting apparatus having mixing tank 13, food pump 14, converging tube segment 11 for accelerating and aligning food product to be cut, deceleration loop 18 and separating means 20 a method and means for reducing turbulent flow of cut food product 19 and carrier fluid which is either a converging cutter blade assembly 10, having the same angle of convergence and serving as an extension of converging tube segment 11, or in the event a standard in line cutter blade assembly 21 is used, then a second converging tube segment 22 attached to the discharge of the in line cutter blade assembly 21 for reaccelerating the carrier fluid and cut food product 19 as it exits the cutter blade assembly 21, in order to induce improved laminar flow of the carrier fluid and to reduce tumbling of the cut food product 19.

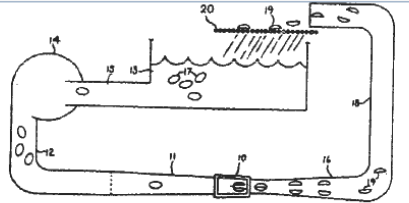
First Claim ?
1. A method for cutting food product using a hydraulic fluid cutting apparatus which comprises:

Record 7 of 48

Images

Image 1/6

Zoom (+)



1 2 3 4

Mark and Next

完成

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100%

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2011/12/21

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http://www.thomsoninnovation.com/tip-innovation/recordView.do?pager.offset=6&recordCount=7&parentIds=null&totalRecords=48&fromRecordView=false&datasource=

Patent Record View - US4807503A

Record View: Patent US4807503A

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Quick View

1. A method for cutting food product using a hydraulic fluid cutting apparatus which comprises:

- depositing the food product in a hydraulic carrier fluid;
- pumping the food product and hydraulic carrier fluid mixture into a first converging conical segment of tubing for accelerating and aligning the food product to be cut in a laminar flow of hydraulic carrier fluid;
- cutting the food product by passing the food product and the hydraulic carrier fluid through a cutter blade assembly having the same converging angles as and serving as an extension of, the converging conical segment and converging axially inward from its inlet end to its outlet end;
- decelerating the cut food product and hydraulic carrier fluid by passing it through a diverging conical segment of tubing;
- separating the cut food product from the hydraulic carrier fluid.

Assignee / Applicant ?
Standardized: MENDEHALL GEORGE A

Inventor ?
Mendenhall George A., Boise, ID, US

Publication Number / Date ?
4,807,503 A 1989-08-22

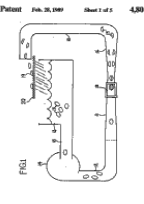
Application Number / Date ?
08/123,166 1989-08-22

Record 7 of 48

Images

Image 2/6

Zoom (+)



2 3 4 5

Select to view or show in print

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網路網路 | 受保護模式: 關閉

100%

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2011/12/21

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 http://www.thomsoninnovation.com/tip-innovation/recordView.do?pager.offset=6&recordCount=7&parentIds=null&totalRecords=48&fromRecordView=false&datasourc

Patent Record View - US4807503A Close Record View

Record View: Patent US4807503A Help

[Add to Work File](#) | [Mark Record](#) | [Watch Record](#) | [Download](#) | [Print](#)

Quick View Go to [Full View](#)

Assignee / Applicant
 Standardized: MENDENHALL GEORGE A

Inventor
 Mendenhall George A., Boise, ID, US

Publication Number / Date
[US4807503A](#) / 1989-02-28

Application Number / Date
[US1988151560A](#) / 1988-02-02

Priority Number / Date
[US1988151560A](#) / 1988-02-02

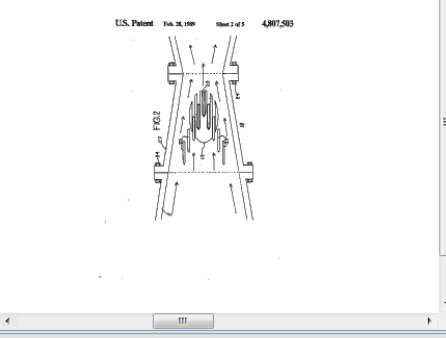
IPC

Current IPC	Invention	Version	Additional	Version
Full	A23N 15/00	20060101	-	-
	B26D 3/18	20060101	-	-
	B26D 3/26	20060101	-	-
	B26D 7/06	20060101	-	-
Main Group	-	-	-	-
Subclass	-	-	-	-

Original IPC	Invention	Version	Additional	Version
Advanced/Full	B26D 3/18	20060101	-	-
	B26D 7/06	20060101	-	-

Record 7 of 48 4 5 6 7 8 9 10 Mark and Next

Images Image 3/6 Zoom (+)



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不明原因我在查詢過程中出現問題

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 http://www.thomsoninnovation.com/tip-innovation/recordView.do?action=showErrorView&errorMessage=Document Fetch Failed

Unexpected Error

Record View Error:

We're sorry, but we've encountered a problem trying to fulfill your request. Either the resource you are trying to access has failed or there is a problem with what you are requesting.

Please try your request again and, if it fails again, please contact Technical Support through the Technical Support link under Support at the bottom of the left-hand navigation panel.

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心得:

當我們以自己的想像力與知識創造出新東西時，如何確定此「新物」是前無古人後無來者呢?趕快上網利用 Thomson innovation 專利查詢系統，他一樣有多元化的搜尋，除了關鍵字外還可用發明者、公司行號、專利號碼等等縮小查詢範圍，其實 Thomson innovation 也有很多功能，如輸出資料、表格(圖示)比較等，除了提供專利查詢外也可觀察企業的發展狀況。然而很可惜學校購買的 Thomson innovation 無法提供學生使用其他額外的功能，同學只能做最基本的查詢。