

藥科（二）作業

—Scifinder & Innovation

B303098228 童郁婷

一、

Scifinder 系統，可以同時進行多方面的相關資訊搜尋，包括關鍵字搜尋、分析作者的發表 paper 數或甚至利用「結構」搜尋也可以，非常方便！而且系統可以主動幫你記錄所儲存的文件，不用自己另外多一步動作去處理，比較省事！最近剛好有毒理學的期中報告，主題是找尋關於香椿(Tonina sinensis)的毒理作用，馬上應用看看，搜尋的結果比一般 Google 網路有較多、較詳細的資料！非常好用！

- 成果附在 PDF 檔案中

二、

在科技發達的時代，凡事都在追求「專利」，來保護自己的智慧財產，THOMSON INNOVATION 系統則是一個全方位搜尋關於專利的資訊，不管是從年分、人名、機器名稱....等等任何角度都可切入，著手進行地盤式地了解，而且獲得的資訊都能滿足你的好奇心，讓我覺得最厲害的是——「圖稿」，只要是物品，皆會附上詳盡立體模式的圖稿，物品的前後左右上下、大小，資料因應聚全、非常完整！而這次我想蒐尋的是，「最新的專利是什麼」，那天我是 12 月 27 日搜尋的，馬上就有 12 月 25 日的，可見 THOMSON INNOVATION 的登新非常迅速，我想，THOMSON INNOVATION 是一個現在、將來不能或缺、好用的工具！一定要善盡其用。

- 以下是我所搜尋的專利資料：

Patent Record Quick View Tuesday, December 27, 2011

Patent/Publication: USRE43035E1

Drawing

DWPI Title

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Original Title

Conveyor oven having an energy management system for a modulated gas flow

Abstract

A conveyor oven has a modulating gas valve which raises and lowers the thermal output of a burner that heats the oven. A bypass line passes a minimum amount of gas to prevent the burner from completely shutting down during periods while the oven remains above a threshold demand for more heat. Electrical isolation is provided between temperature controlling devices to prevent an electrical feed back which might otherwise prevent a complete shut down of the oven during hazardous conditions.

First Claim

1. A conveyor oven control comprising an energy management system for controlling a flowing stream of hot air through a cavity of an oven for baking a food product; a conveyor extending through said cavity for conveying said food product through said oven; a fuel gas line for conveying fuel gas from a source to a burner in said oven; said energy management system being interposed in said fuel gas line and between said source and said burner for controlling a flow of fuel gas to said burner; said energy management system comprising a controller, a signal conditioner, a fuel gas valve, and an ignition module; a safety shut down valve associatedconnected with said ignition module to prevent said ignition module from re-igniting said burner during hazardous conditions; a pair of sensors in said oven for sensing instantaneous oven temperatures; said controller being responsive to said sensed temperatures for controlling said energy management system to regulate operation of said fuel gas

valve and, thereby, the flow of fuel gas to the burner in order to maintain oven temperature within a predetermined range, said signal conditioner being responsive to said controller for providing signals that control said fuel gas valve; and a pair of transformers, one transformer being coupled to energize said signal conditioner and to electrically isolate said signal conditioner from said ignition module, and the other transformer being coupled to energize said signal ignition module and to electrically isolate said ignition module from said signal conditioner, the pair of transformers connected in parallel with each other and with said controller to prevent an electrical feed back which might otherwise defeat the safety shut down valve between said signal conditioner and said ignition module.

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IPC

Current IPC	Invention	Version	Additional	Version
Full	A21B 1/42	20060101	-	-
Main Group	-	-	-	-
Subclass	-	-	-	-

Original IPC	Invention	Version	Additional	Version
Advanced/Full	A21B 1/42	20060101	-	-
Core/Main Group	-	-	-	-
Subclass	-	-	-	-