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Metalmecánica



Maquinaria

Patentes Semillas Eventos
Maquinarias Siembra
Hortalizas Procesado
Publicaciones Tecnología
Frutas Cosecha
Noticias Hierbas
Congresos Enlatado

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EVENTOS

Industrial processing 2012

Publicada el 05/09/2012

2 - 5 October, 2012. Netherlands. Industrial Processing is the largest trade show for the liquid and solid process industry in the Benelux. About 200 exhibitors present their newest products and services to you. In just one day you will be informed about the latest trends within your working area.

[ver mas...](#)

AGROSALON 2012

Publicada el 05/09/2012

October 10 – 13, 2012. Moscow, Russia. Is a specialized exhibition of agricultural machinery including the whole range of farming equipment, i.e. tractors, combined harvesters, forage harvesters and soil cultivation equipment, seeding and loading machinery, fertilization and crop protection equipment, etc.

[ver mas...](#)

YUGAGRO

Publicada el 03/09/2012

November 20-23, 2012. Russia. YUGAGRO is one of the largest agricultural exhibitions in Russia. Leading companies from the agricultural sector from 27 countries and 30 Russian regions come to YUGAGRO every year. Covering every area of the sector, the event is a valuable platform for new agricultural technology to compete in one venue.

[ver mas...](#)

FTNON at Interpom primeurs

Publicada el 03/09/2012

25-26-27 November, 2012. Kortrijk, Belgium. We shall be pleased to give you further details about our unique systems for the processing of potatoes, vegetables and fruit.

[ver mas...](#)

VISION 2012

Publicada el 01/09/2012

6 - 8 November, 2012. Stuttgart, Germany. VISION once again managed to surpass its hitherto best result from the previous year. More than 7,000 visitors came to VISION in Stuttgart compared with 6,752 in 2010. One in three visitors came from abroad. Visitors from a total of 50 countries travelled to VISION 2011. In particular, there was a pronounced rise in the number of visitors from Asia.

[ver mas...](#)

NOTICIAS

Odenberg to showcase benefits of Halo Optical Sorter at PMA

Publicada el 26/09/2012

Odenberg's Halo is the latest advancement in sensor based optical sorters for a high performance sort or grade for quality, shape, color, size and for food safety. The Halo range of sorters provides considerable advantages and benefits such as increased yield, capacity, significant labor reduction and operational efficiency. The low costs associated with running these machines allow for a fast return on investment. Additionally, Halo is simple to operate and offers a very short learning curve, where no specialist skills are required.

[ver mas...](#)

First german automatic asparagus digger

Publicada el 21/09/2012

Laborious digging of asparagus may well be a thing of the past shortly: researchers of the University Bremen are presently developing together with partners from the agricultural sector an automatic asparagus digger. The idea is to have 'AutoSpar' harvest 6 asparagus stems per minute.

[ver mas...](#)

UNITEC to install the world's largest electronic sorting plant for cherries

Publicada el 17/09/2012

The world's largest electronic sorting plant for cherries is to be installed by UNITEC in Morada Produce Co. of Stockton, California (USA), with 40 sorting lanes to be exact. The success of our technology is confirmed by the 530 lanes we have already sold in over 20 countries worldwide. 236 of these lanes are equipped with the Cherry_Vision system for checking the internal and external quality of cherries.

[ver mas...](#)

La mayor instalación para el calibrado de frutos pequeños

Publicada el 11/09/2012

Compac ha sido seleccionado para fabricar la que indican será la mayor calibradora electrónica para cerezas, en Prima Frutta, en Linden, California. El boletín Compac Innovations de este mes, septiembre 2012, explica que se trata de un proyecto multimillonario, fruto de la colaboración entre Compac Sorting y Van Doren Sales. Compac proveerá tres calibradores de 12 líneas y Van Doren Sales se ocupará de los periféricos y la alimentación, para procesar más de 42.000 cerezas por hora.

[ver mas...](#)

La espinaca puede conservarse tres semanas si se protege de la deshidratación

Publicada el 10/09/2012

La deshidratación es un factor limitante en la conservación de la verdura de hoja, por lo que limita su vida postcosecha. Con el objetivo de prolongar la vida útil de espinaca se evaluó la aplicación de distintos tipos de recubrimientos (envolturas) en hojas de espinaca cultivadas bajo cubierta en la EEA Concordia.

[ver mas...](#)

El calendario de encuentros vinculados a la poscosecha

Publicada el 10/09/2012

Están convocados una serie de foros que son puntos de encuentro para la actualización en la tecnología poscosecha, ya sea a través de charlas, conferencias y /o también exposición de maquinaria; en la Agenda de Poscosecha se encuentran la información completa (para buscar por el nombre exacto, separar las palabras con guion bajo, ejemplo Potato_Europe).

[ver mas...](#)

Herbert to launch "new vision in optical sorting" at Potato Europe

Publicada el 07/09/2012

Herbert Engineering at set to launch a optical sorting machine at Potato Europe. The Oculus is the next generation in high performance, compact, optical sorting for washed potatoes. Available in two widths (1300 and 2000) with a maximum capacity of 36,000kg per hour. According to the company it is more accurate, more efficient, more consistent and more effective than other machines.

[ver mas...](#)

Sistemas que mejoran las prestaciones de las cámaras frigoríficas

Publicada el 07/09/2012

Además del sistema tradicional de cámaras frigoríficas, la tecnología de Tecnifrío incluye el sistema estático, que mejora la refrigeración obligando al aire a circular hasta el final del recinto y el sistema dinámico, que se basa en la sobrepresión. También instala el sistema de celdas, que permite un enfriamiento mucho más homogéneo y rápido del producto, debido a que el control frigorífico se realiza directamente sobre el fruto.

[ver mas...](#)

Libro sobre fisiología, procesamiento y envasado de frutas tropicales y subtropicales

Publicada el 06/09/2012

Este libro está escrito por 66 autores, incluyendo los cuatro editores, que son expertos en diferentes aspectos de la fisiología poscosecha, industrialización y envasado de frutas tropicales y subtropicales; el idioma es inglés. Está organizado en 31 capítulos que se agrupan en cuatro partes.

[ver mas...](#)

Nuevas instalaciones AC en Argentina para manzana, pera y kiwi

Publicada el 04/09/2012

En septiembre 2011, ABSOGER ha abierto su sucursal en Mendoza capital, Argentina con el objetivo de desarrollar su actividad en el sector de la conservación de las frutas y verduras en Atmósfera Controlada así como en el sector vinícola con el uso de los generadores de nitrógeno.

[ver mas...](#)

PATENTES

Apparatus for the separation of vegetable products

Publicada el 25/09/2012

US8272322

An apparatus for separating objects, such as cherries, that are joined together by removable links, includes a collecting vessel having a water inlet and into which the objects are conveyed by means separate from the water inlet. One or more conduits extend downstream from the collecting vessel and have respective inflow mouths situated downstream of the collecting vessel. Water pumps within the conduits cause liquid to whirl about with the products taken in therewith, and pump them into the respective outflow mouths so as to eject them.

[ver mas...](#)

Lightened vibrating clamps for machines that harvest fruit by shaking

Publicada el 19/09/2012

EP2042022

La présente invention concerne une pince vibrante allégée, pour machines de récolte de fruits par secouage. Plus précisément, elle vise une pince vibrante du genre constitué de deux mâchoires de forme allongée dont l'une au moins est mobile et dont les mouvements de rapprochement (serrage) et d'écartement (ouvertures) sont obtenus au moyen d'un ou plusieurs vérins, généralement hydrauliques ; un vibreur à masses rotatives excentrées ou à masses à déplacement alternatif, fixé sur l'ossature de la pince, permet de communiquer des vibrations à hautes fréquences à celle-ci.

[ver mas...](#)

Apparatus for extracting juice

Publicada el 13/09/2012

US2012227592 (A1)

A juice extracting apparatus, which can improve juice extracting efficiency without increasing a number of revolutions of a driving means, is disclosed. A juice extracting apparatus, which can easily clean components including an extracting net unit, while minimizing sludge stuck in or sticking on a component, is also disclosed.

[ver mas...](#)

PUBLICACIONES CIENTÍFICAS

Quantitative evaluation of a rotary blueberry mechanical harvester using a miniature instrumented sphere

Publicada el 25/09/2012

Pengcheng Yua, Changying Lia, Fumiomi Takedab, Gerard Krewerc, Glen Rainsd, Takoi Hamritaa. Southern highbush blueberries (*Vaccinium corymbosum* interspecific hybrids) are predominantly for the fresh market and, with a few exceptions, are hand harvested. Though mechanical harvesting systems are available for processed blueberries, low harvest efficiency and high fruit damage have limited their use for picking blueberries for fresh market.

[ver mas...](#)

Microwave heating of fluid foods

Publicada el 25/09/2012

Department of Food Engineering, Central Food Technological Research Institute, Council of Scientific and Industrial Research, Mysore, India. Microwave processing is considered to be one of the most novel thermal technologies for food processing. Microwave heating can be used in a number of food-processing operations such as thawing, pasteurization, cooking, blanching, drying, roasting, and baking. Rapid heat generation due to volumetric heating of material, results in reduced processing time and improved product quality.

[ver mas...](#)

Detecting rottenness caused by penicillium genus fungi in citrus fruits using machine learning techniques

Publicada el 07/09/2012

Juan Gómez-Sanchisa, José D. Martín-Guerreroa, Emilio Soria-Olivasa, Marcelino Martínez-Sobera, Rafael Magdalena-Beneditoa, José Blascob. *Penicillium* fungi are among the main defects that may affect the commercialization of citrus fruits. Economic losses in fruit production may become enormous if an early detection of that kind of fungi is not carried out. That early detection is usually based either on UltraViolet light carried out manually. This work presents a new approach based on hyperspectral imagery for defect segmentation.

[ver mas...](#)

Postharvest citrus mass and size estimation using a logistic classification model and a watershed algorithm

Publicada el 04/09/2012

Jun S. Shina, Won S. Leea, Reza Ehsanib. A machine vision system for estimation of citrus fruit mass, fruit count, and fruit size during postharvest processing was investigated with the aim of developing of an advanced citrus yield mapping system. Such yield mapping system enables the citrus growers to efficiently manage the in-grove spatial variability factors such as: soil type, soil fertility, moisture content, etc., and can help increase yield and profits.

[ver mas...](#)

Automatic recognition vision system guided for apple harvesting robot

Publicada el 03/09/2012

Wei Jia, Dean Zhaoa, Fengyi Chenga, Bo Xua, Ying Zhanga, Jinjing Wang. In apple harvesting robot, the first key part is the machine vision system, which is used to recognize and locate the apples. In this paper, the procedure on how to develop an automatic recognition vision system guided for apple harvesting robot, is proposed. We first use a color charge coupled device camera to capture apple images, and then utilize an industrial computer to process images for recognising fruit.

[ver mas...](#)