Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology

GRANTED PATENT'S ABSTRACTS

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development . Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life .

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology , I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data . This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works .

I hope that this publication meets its targeted objective , namely increasing the welfare , prosperity and advancement for our beloved country, Egypt .

Acting President of Patent Office

Eng. Essmat Aly Abd Ellateef

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ZR	Zaire

ABSTRACTS
FOR
GRANTED PATENTS
January (2010)

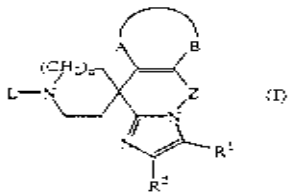
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**18/12/1999** **1626/1999** **July 2009** **10/01/2010** **24605**

(51)	**Int. Cl. [7] C07D 471/20 , 495/20 , 498/20 , 519/00 , 235/00 , 223/00 & A61P 37/00**
(71)	**1. JANSSEN PHARMACEUTICA N. V. (BELGIUM)** **2.**
(72)	**1. FRANS E. JANSSENS** **2. JOSEPH E. LEENAERTS**
(73)	**1.**
(30)	**1. (EP) (98204347.3) – 19/12/1998** **2.**
(74)	**HODA ANIS SERAG EDDIN**
(12)	**Patent**

(54) ANTIHISTAMINIC SPIRO COMPOUNDS

Patent Period Started From granted patent date and Ends in 17/12/2019

(57)



(I)

A prodrug, a N-oxide an addition salt, a quaternary amine or a stereochemically isomeric form thereof wherein R^1 is hydrogen, C_{1-6} alkyl, halo. Formyl, carboxyl, C_{1-6} alkyloxycarbonyl, C_{1-6} alkylcarbonyl, N (R^3 R^4) C(=O)-, N (R^3 R^4) C(=O) N(R^5)-, ethenyl substituted with carboxyl or C_{1-6} alkyloxycarbonyl, or C_{1-6} alkyl substituted with hydroxy, carboxyl, C_{1-6} alkyloxy, C_{1-6} alkyloxycarbonyl, N(R^3 R^4) C (=O)-. C_{1-6} alkyl C(=O) N (R^5)-. C_{1-6} alkyls (=O)-. N (R^5)- or N (R^3 R^4) C (=O) N(R^5)- wherein each R^3 and each R^4 independently are hydrogen or C_{1-4} alkyl and R^5 is hydrogen or hydroxy R^2 is hydrogen, C_{1-6} alkyl, hydroxy C_{1-6} alkyl, C_{1-6} alkyloxy C_{1-6} alkyl, N(R^3 R^4) C(=O)-. aryl or halo N is 1 or 2:A-B- represents a bialent radical of formula -Y- CH=CH-. CH=CH-Y- or- CH=CH-CH=CH-, wherein each hydrogen atom may independently be replaced by R^6 wherein R^6 is C_{1-6} alkyl. halo hydroxy C_{1-6} alkyloxy. ethenyl substituted with carboxyl or C_{1-6} alkyloxycarbonyl, hydroxy C_{1-6} alkyl formyl, carboxyl or hydroxycarbonyl C_{1-6} alkyl. and each Y independently is a bivalent radical of formula -O-S-or NR- wherein R is hydrogen C_{1-6} alkyl or C_{1-6} alkylcarbonyl Z is a bivalent radical of formula -(CH_2)p CH=CH- CH_2-CHOH-CH_2-O-CH_2-C(=O) or -CH_2 C(=NOH)- provided that the bivlaent radical are connected to the nitrogen of imidazole ring via their –CH_2- moiety: and wherein p is 1. 2. 3 or 4: Lis hydrogen: C_{1-6} alkyl: C_{2-6} alkenyl: C_{1-6}alkylcarbonyl: C_{1-6} alkyloxycarbonyl: C_{1-6} alkyl substituted with hydroxy. Carboxyl. C_{1-6} alkyloxy C_{1-6} alkyloxycarbonyl, aryl. aryloxy. Cyano or R^5HN wherein R^5 is hydrogen. C_{1-6} alkl. C_{1-6} alkyloxyearbonyl. C_{1-6} alkylcarbonyl: or Lrepresents a radicai of formula-Alk-Y-Het^1-Alk-NH-CO-Het^2 or-Alk-Het^3 wherein Alk represents C_{1-4} alkanediyl: Y represents O.S or NH:Het^1.Het^2 and Het^3 each represent an optionally substituted heterocycle: for use as medicine.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**09/05/2007** **PCT/NA2007/000463** **August 2009** **10/01/2010** **24606**

(51)	**Int. Cl. [8] C07F 19/00, 7/08**
(71)	**1. ALEXANDRE SAM ZORMATI (UNITED STATES OF AMERICA)** **2. ALEXADRE S. ZORMATI**
(72)	**1. ALEXANDRE SAM ZORMATI** **2. ALEXADRE S. ZORMATI** **3.**
(73)	**1.** **2.**
(30)	**1. (US) (60/522.822) – 10/11/2004** **2. (US) (11/006.833) – 08/12/2004** **3. (US) (PCT/IB2004/004348) – 08/12/2004**
(74)	**HODA ANIS SERAG EDDIN**
(12)	**Patent**

(54)	**REMOTELY INSTANTLY COUPON-RELOADABLE PREPAID PAYMENT CARD**
	Patent Period Started in 08/12/2004 and Ends in 07/12/2024

(57) **The invention relates to reloadable payment cards, in particular to a method for paying a transaction carried out with a merchant by a prepaid payment card delivered by a financial intermediary comprising reloading steps for modifying information concerning the available balance of a bankcard owner on a management computer consisting in reloading by means of prepaid coupon to which a single identification number is assigned and a predefined sum is predefined, wherein said management server contains a data base of single coupon numbers and the validity state and value corresponding thereto. The reloading steps consist in transmitting said coupon identifier and said bankcard identifier to the management server, in verifying the validity of the received coupon identifier by said management server, in determining the denomination of a sum assigned to the coupon, in modifying the validity state of a consumed coupon and in updating the account balance of said bankcard.**

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/04/2003** **0381/2003** **July 2009** **12/01/2010** **24607**

(51)	**Int. Cl. [8] B60L 13/04**
(71)	**1. MAGNA FORCE INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. KARL J. LAMB** **2. MICHAEL T. SPARKS** **3. SCOTT D. GOSSAGE**
(73)	**1.** **2.**
(30)	**1. (US) (60/375220) – 23/04/2002** **2. (US) (10/189144) – 02/07/2002** **3.**
(74)	**SAMAR AHMED EL LABBAD**
(12)	**Patent**

(54)	**APPARATUS SYSTEMS AND METHODS FOR LEVITATING AND MOVING OBJECTS**
	Patent Period Started in 22/04/2003 and Ends in 21/04/2023

(57) **Apparatus systems and methods for levitating and moving objects such as vehicles, doors and windows are shown and described herein. The embodiments incorporate a track with lower rails having lower permanent magnets and the object with upper rails having upper permanent magnets aligned with the lower rails and oriented to oppose the polarity of the lower permanent magnets. Ferrous backing plates may be incorporate behind the lower rails and/or the upper rails. Embodiments may also incorporate a third rail of an electroconductive material, and a driving disc positioned near the third rail. Permanent magnets in the driving disc may be rotated with rotated with the driving disc in the presence of the third rail to accelerate the upper rail with respects to the lower rails. The driving disc may be coupled one of the lower rails to maintain a desired alignment with the third rail.**

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**09/07/2003** **0657/2003** **July 2009** **17/01/2010** **24608**

(51)	**Int. Cl. [8] A61M 5/158**
(71)	**1. JMS CO LTD (JAPAN)** **2.** **3.**
(72)	**1. SUSUMU HONGO** **2. TAKAFUMI KIYONO** **3. KUNIHARU MORIWAKI**
(73)	**1.** **2.**
(30)	**1. (JP) (2002-200385) – 09/07/2002** **2. (JP) (2002-316459) – 30/10/2002** **3.**
(74)	**SAMAR AHMED EL LABBAD**
(12)	**Patent**

(54)	**MEDICAL NEEDLE DEVICE WITH SHIELD FOR REDUCING NEEDLESTICK INHURIES**
	Patent Period Started in 09/07/2003 and Ends in 08/07/2023

(57) **In a medical needle device having a shield for reduction of needlestick injuries, a protrusion is formed on an outer peripheral surface of a hub to which a needle is mounted, a height of the protrusion being set so that the protrusion protrudes beyond an inner diameter of a shield tube, and a gate groove is formed at an inner surface of the shield tube to extend from affront end to the vicinity of a rear end, dimension of the gate groove being such that the protrusion can fit in a front end portion of the gate groove. In a state where the protrusion is exposed from the front end of the rotational position of the protrusion at which it does not face a front end of the rear end side of the shield tube to engagement of the protrusion with a rear end face of the shield tube. At a rotational position of the protrusion at which it face the front end of the gate groove, whereby the hub can move so that a tip of the needle can be stored in the shield tube. In a penetrating state of the needle that enables the puncturing , the needle cannot move in the shield for reduction of the needlestick injuries and can rotate.**

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**05/11/2006** **0580/2006** **July 2009** **26/01/2010** **24609**

(51)	**Int. Cl. [8] B65D 23/20**
(71)	**1. KRAFT FOODS HOLDINGS INC (UNITED STATES OF AMERICA)** **2.**
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(73)	**1. KRAFT FOODS GLOBAL BRANDS LLC (UNITED STATES OF AMERICA)** **2.**
(30)	**1. (US) (11/267.174) – 07/11/2005** **2.**
(74)	**HODA AHMED ABD EL HADI**
(12)	**Patent**

(54)	**FLEXIBLE PACKAGE WITH INTERNAL, RESEALABLE CLOSURE FEATURE**
	Patent Period Started in 05/11/2006 and Ends in 04/11/2026

(57) **A reclosable flexible package having a reclosable closure comprising easy-to-use adhesive securement means in combination with non-reclosable closures provided above and below the reclosable closure. The package provides a re-openable seal for reclosing the bag upon a partial discharge of the contents thereof, such as food contents. The flexible package offers manufacturing ease and cost-savings, and tamper-resistance. The flexible package also may be incorporated into a bag-in-box package configuration. Methods of making and filling the package also are provided.**

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/01/2006** **PCT/NA2006/000064** **August 2009** **27/01/2010** **24610**

(51)	**Int. Cl. [8] B01J 8/20**
(71)	**1. UHDE GMBH (GERMANY)** **2.**
(72)	**1. JOHANNES KOWOLL** **2.**
(73)	**1.** **2.**
(30)	**1. (EP) (102004003070.7) – 21/01/2004** **2. (EP) (PCT/EP2005/000369) – 15/01/2005**
(74)	**ABU SETTA & partners for Administrative and Consultancy Services represented by miss Marwa Hamid Abdel-Magied**
(12)	**Patent**

(54) METHOD AND DEVICE FOR NOZZLE-JETTING OF OXYGEN WITH RADIAL CATALYST FLOW

Patent Period Started in 15/01/2005 and Ends in 14/01/2025

(57) **By means of a method or device for nozzle jetting of oxygen into a synthesis reactor, e.g. for oxi-dehydration, with mainly radial flow of the gas mixture through a catalyser packing, it is intended to significantly improve the entry and mixing of oxygen before entering into the catalyser, particularly for the oxi-dehydration method.**

This is achieved, in that the oxygen is added to a ring distributor system in pure form, as air or mixed with inert gas or water vapour, and is then jetted on to the catalyser surface through several exit openings in the ring distribution system at an angle to the vertical.

Please also refer to the drawing: 2 .