

LOGISTIC SUPPORT CONTAINER MOBILE POWER PLANT FOR EMERGENCY

Author/s: Popescu Emil, Stroe Danut, Guiman Daniela,
Jurba Mihai

ENERGY

Utility Model

MOBILE POWER PLANT FOR EMERGENCY with a power of 500 kVA is designed to be used in emergency situations.

The product is designed in a versatile, independent version with a whole range of distinct applications from : industry , telecom, oil&gas , emergency situation and can work as island power plant, back up , peak load for national grid etc.

Logistic Support Container allows the installation of a wide range of generator groups chosen and sized according to the energy supply needs of the various facilities.

It contains the fuel tank for a long time operation, command and control panel, cables and distribution boxes which can be used in various configurations.



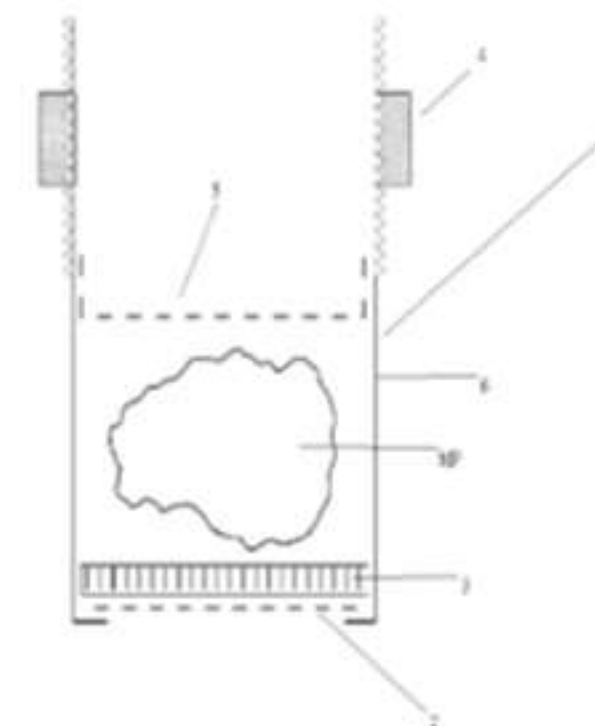
CAPSULE, INSTALLATION AND PROCESS FOR OBTAINING PRODUCTS AND EXTRACTS FROM COMPLEX PREPARATIONS

Author: Daniel Tatar

PCT/RO2021/050008

Category: HealthCare

The invention relates to an extraction capsule (C), for the extraction of active principles, from raw materials (MP), formed by a body (1) comprising a wall (6), the body further comprising: inside, an enclosure raw material storage (MP), delimited by the wall (6) and a perforated lid (5), located above the enclosure, removable, sliding on the height of the enclosure, and at the bottom a drain orifice, covered by a removable sieve, characterized in that it further comprises a floating element (4) which is made of a material with a lower density than a solvent, preferably less than 0.75 grams/cm. cube, and in that it also comprises fixing elements of the floating element (4) to the body wall (1), elements which allow the adjustment of the floating element (4) at different heights on the wall (6) of the body (1).



MOBILE INTEGRATED SURVEILLANCE

SYSTEM/RO 2023 000390 A

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Category: C

The product is a multispectral surveillance system which allows to detect recognize and identify different type of threats in various atmospheric conditions using visible, short wave infrared and medium wave infrared cameras.

The product performs the following tasks:

- Gathering information from different type of sensors: optical, distance measurement, positioning, recognition;
- Processing and integrating obtained information into the GIS application running on a ruggedized PC;
- Transmitting and receiving information to / from other structures;
- Monitoring the response activities and their results.
- Storing the data and images needed to prove the identified activities



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Bioresonant orthosis for functional recovery of the radiocarpal joint

Author/s: Velcea Marian, Mandrea Lucian, Moldovan Corneliu, Velcea Ion Alexandru, Plotog Ioan, Hideg Catalin, Curta Ioan, Caracas Eugen, Chetan Mihai, Ene Ciprian, Gherman Beatricea, Radu Ana-Maria RO 132423 A2

A medical device designed to protect the radiocarpal joint through an outer shell for functional recovery. It provides the following functions: stabilization and support of the radiocarpal joint, reduction of pain and inflammation; prevention of excessive or sudden movements, protection during physical activities or following an injury. The bioresonant wrist brace is a flexible model for light physical support, intended for functional recovery of the wrist joint and consists of an elastic support surrounding the radiocarpal joint, on which a group of EMCOPAD Doctor Tech bioresonant devices is linearly assembled. The group of electronic devices consists of ten devices that are positioned inside the elastic support for direct contact with the wrist joint – along its entire contour, exposing it to a harmonic and polarized electromagnetic field. Regular use of the device as part of a supervised recovery procedure ensures a faster return to previous performance. Energy measurements performed with specialized equipment confirm the improvement of the condition of the wrist joint and the patient's general condition, through the use of the bioresonant wrist orthosis. DETERMINARI DE CAMP- BioWell_Quantum Therapy- RO 132423 A2, Health



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Bioresonant cervical belt for recovery

Health

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The device consists of a medical support dedicated to the cervical area on which Qi-Polino Doctor Tech passive resonant devices (EMCOPAD) have been assembled in the positions corresponding to the C7 vertebra and acupuncture points BL-10, VB-20, VG-15 and VG-16. These points are activated independently or simultaneously in groups formed by the therapist, depending on the patient's condition and his immediate needs. The interaction at the energy level takes place through the acupuncture points placed in electromagnetic contact with the Qi-Polino device, which transmits impulses with a harmonic frequency of the note LA, located in the radio band. This interaction is only possible during the period when paired acupuncture points are in relative imbalance (one to the other), characterized by the presence of a local electric potential, with an effect on the power supply of the electronic circuit; once the energetic balancing of the corresponding points is achieved, the electronic device cuts off its power supply for the entire balance period, resuming the operating cycle when a new imbalance between the corresponding acupuncture points occurs. **RO132423 A2**



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ENERGY SCANNER SU-JOK Model 1K

Health

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The electronic device is based on the modern theory of interpreting ancient acupuncture techniques, developed by academician Park Jae Woo and known as "Su-Jok" ("Palm-Sole" in Korean). The device highlights the relative value of an electrical voltage measured at specific points of each meridian. Before starting the measurement session, the calibration of the device is checked by touching the two electrodes to each other; calibration is performed if the device indicates 100%. The device is equipped with a digital and analog display and allows the evaluation of the characteristic values of each meridian with an accuracy of 1%. The use is simple and involves going through all the acupuncture meridians, by choosing the contact point specific to each meridian and touching it with the specific mobile electrode, while the reference electrode remains fixed on the finger or arm. The measured values are noted and organized in a specific matrix for interpreting the Yn-Yang ratio and Qi circulation.



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ORGANIZATOR



MEMBRĂ A



proinvent.utcluj.ro



MUCOADHESIVE COMPOSITION FOR MAINTAINING AND/OR RE-BALIZING VAGINAL MICROFLORA

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CRĂCIUNESCU OANA, MORARU ANGELA, MORARU IONUȚ

HEALTH

The invention relates to a mucoadhesive composition for maintaining and/or rebalancing the vaginal microflora. According to the invention, the composition consists by weight of 50...80 parts aqueous solution containing 20...60% copolymer of the Poloxamer P407 type, 1...5% bacterial nanocellulose, optionally 5...10% chitosan, 0.1...5% cactus powder, 5...20 parts by weight of postbiotic compounds such as lactic acid and citric acid, optionally 2...6 parts by weight of essential oils selected from thyme oil and tea tree oil, 5...10 parts by weight of prebiotic oligosaccharides selected from inulin and fructo-oligosaccharides, and 4...10 parts by weight of hydro-glycero-alcoholic extracts at 50% concentration selected from cranberry and grape seed.

Microbial nanocellulose:
Nature's gift to technology

Application on:

- Nose
- Oral cavity
- Skin
- Gastrointestinal tract
- Vagina

EFFECTS OF MICROBIAL NANOCELLULOSE generated by *Acetobacter* in the aerobic Kombucha fermentation phase:

- protection of mucous membranes
- increase of probiotics (especially *Lactobacillus* spp.) and new-generation of probiotics (*Akkermansia muciniphila*)
- decrease of pathogens (e.g. *E. coli*)
- increased mucin adhesiveness
- drug & nutrient & probiotic delivery
- increase bioavailability

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