

S. No.	Title of the Patent and Copyright	Authors	Filed/ Granted / Published	National/ International
1.	<p>System and Method for Stock Market Prediction using Influence of Extended Social Mood</p> <p>Patent No.: 202305497</p> <p>https://patents.google.com/patent/ZA202305497B/en?q=(murugesan+selvam)&oq=murugesan+selvam</p>	<p>Santhoshkumar Sakthivel Murugesan Selvam Dr S Balakrishnan Dr S Mohan Dr Dhanasekar Dhamotharan</p>	<p>Patent Granted and Published</p>	<p>International (South Africa- Patent)</p>



REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

SAKTHIVEL SANTHOSHKUMAR; DR. MURUGESAN SELVAM; DR. S. BALAKRISHNAN; DR. S. MOHAN; DHAMOTHARAN DHANASEKAR

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2023/05497

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the 20th day of December 2023


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The Trade Marks Act, 1963

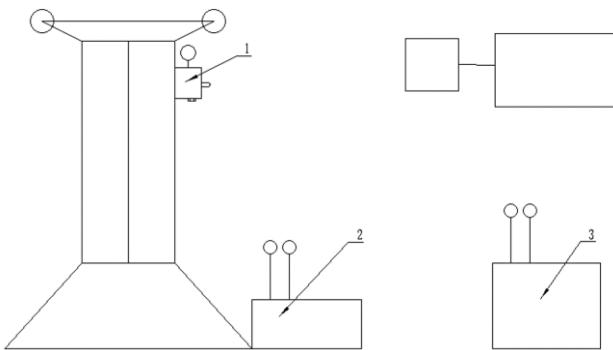
The Trade Marks Act, 1993

The Registration of Copyright in Cinematograph Films Act, 1977

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tower, a signal transmission device arranged below the power transmission tower, a processing center for transmitting signals with the signal transmission device and a display module arranged at the processing center. When the preliminary signal transceiver on one or a plurality of power transmission towers does not send a signal to the processing center through the signal transmission device, the processing center sends a fault signal of the power transmission tower to the display module, and the corresponding power transmission tower on the display module is displayed in gray. The short circuit point of the high-voltage alternating-current transmission cable can be judged timely and accurately through information displayed on the display module at the processing center.



21: 2023/05496. 22: 2023/05/22. 43: 2023/11/29

51: G06Q

71: Xinyu University

72: Gan Yilan, Hua Genyong

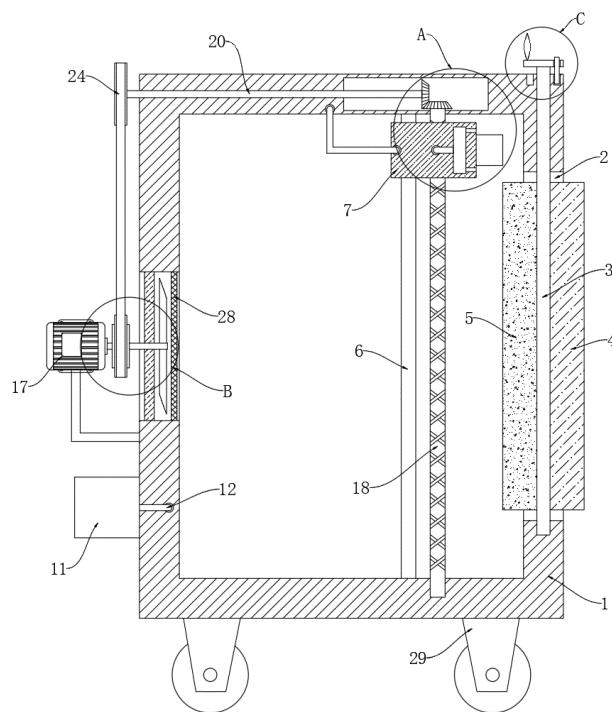
33: CN 31: 2023104805333 32: 2023-04-28

54: AN INTERACTIVE MULTIMEDIA DEVICE FOR INNOVATION AND ENTREPRENEURSHIP EDUCATION

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The present invention discloses an interactive multimedia device for innovation and entrepreneurship education, comprising a multimedia box, said multimedia box having a mounting opening in the side wall, said mounting opening having a rotating shaft connected to the inner wall, said display screen fixedly connected to the side wall of said shaft, said blackboard fixedly connected to the side wall of said shaft, said cleaning mechanism for cleaning the blackboard installed in said multimedia box, said cleaning mechanism comprising a sliding bar fixedly connected to the inner wall of the multimedia box,

said sliding bar having a sliding block connected to the side wall of said sliding bar, said sliding block said side wall is fixedly connected with a blackboard eraser, said cleaning mechanism also includes a dust suction slot opened in the slider, said dust suction slot has a plurality of dust suction holes opened in the inner wall, said multimedia box side wall is fixedly connected with an extractor fan, said extractor fan side wall is fixedly connected with a dust suction tube. In the present invention, the display screen and the blackboard can be turned over by turning the turner, so that the display screen can be displayed and then the blackboard can be explained, which is convenient to use and easy to carry, and the cost is low.



21: 2023/05497. 22: 2023/05/22. 43: 2023/11/29

51: G06Q

71: Sakthivel Santhoshkumar, Dr. Murugesan

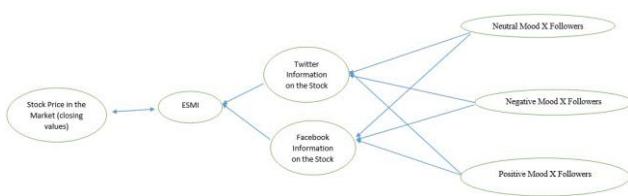
Selvam, Dr. S. Balakrishnan, Dr. S. Mohan, Dhamotharan Dhanasekar

72: Sakthivel Santhoshkumar, Dr. Murugesan Selvam, Dr. S. Balakrishnan, Dr. S. Mohan, Dhamotharan Dhanasekar

54: SYSTEM AND METHOD FOR STOCK MARKET PREDICTION USING INFLUENCE OF EXTENDED SOCIAL MOOD INDEX

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The present invention relates to System and method for stock market prediction using influence of extended social mood index through a computer model using bigdata computing. The objective of the present invention is to solve the problems in the prior art technologies related stock market prediction using social media behavior. The system and method for stock market prediction utilizing an Extended Social Mood Index (ESMI) and machine learning. The system collects diverse data types including social media data and stock market data. The ESMI model processes this data, categorizing social media interactions and factoring in financial parameters. A machine learning module then predicts stock market behavior based on the processed data and the current status of the stock market. The system offers targeted data collection and rigorous filtering mechanism, enhancing prediction accuracy and reliability.



21: 2023/05498. 22: 2023/05/22. 43: 2023/11/29

51: A61K

71: FIRST AFFILIATED HOSPITAL OF XINJIANG MEDICAL UNIVERSITY

72: CHEN, Siyu, LI, Aimei, MA, Yan, DENG, Li, GAO, Rui

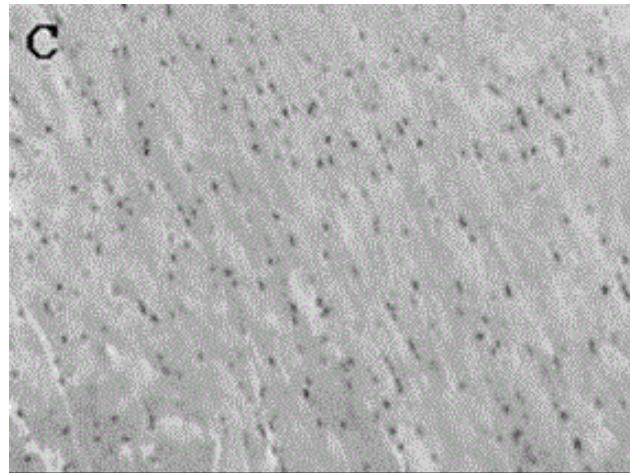
33: CN 31: 202310073255.X 32: 2023-02-07

54: APPLICATION OF DEXMEDETOMIDINE IN PREPARATION OF DRUGS FOR TREATING MUSCLE TISSUE INFLAMMATION

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The present invention relates to technical field of postoperative inflammation treatment, and more specifically, to an application of dexmedetomidine in preparation of drugs for treating muscle tissue inflammation. The present invention solves a problem in the prior art that there are no effective drugs for inflammatory reaction of I/R mice. The present invention reduces inflammatory reaction of myocardial ischemia/reperfusion injury through the dexmedetomidine, and the inflammatory reaction of the I/R mice treated with the dexmedetomidine is

slowed down, and a therapeutic effect thereof can be expected.



21: 2023/05499. 22: 2023/05/22. 43: 2023/11/29

51: A61M

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72: LI, Xinhong, ZHAO, Pengwei, YANG, Xinglong, ZHANG, Jihong

33: CN 31: 202223531081.7 32: 2022-12-29

54: INTRANASAL SUSTAINED RELEASE ADMINISTRATION DEVICE FOR PATIENTS CONTRACTING NASOPHARYNGEAL CARCINOMA

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The present utility model has disclosed an intranasal sustained release administration device for patients contracting nasopharyngeal carcinoma, relating to the technical field of intranasal administration devices. Most intranasal sustained release administration devices are unable to carry out close stable administration to the deeply-sited nasal cavity portion, and when the injection sprayer for sustained release administration carries out administration to the deeply-sited nasal cavity portion, it is unstably handled or difficultly controlled for uniform injection. In the present utility model, a positioning member is rotationally mounted on the drug tube of the injection sprayer, helping to control the administration depth; the position for rotationally mounting the positioning member is adjustable in the axial direction of the drug tube, helping to control the administration angle; the positioning member expands to support at a narrowing point of the nostril's way in; the side wall of one end of the drug tube far away from the sprayer head end symmetrically sinks to form a clamping groove, through which fingers also assist in