

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



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

Registrar of Patents



PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND
COPYRIGHT IN CINEMATOGRAPH FILMS

DECEMBER 2023

VOL 56 • No. 12



Companies and Intellectual
Property Commission

a member of the dtic group

Part II of II

ISSUED MONTHLY

DATE OF ISSUE: 20 DECEMBER 2023

ISSN 2223-4837

PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND
COPYRIGHT IN CINEMATOGRAPH FILMS

VOL. 56 No. 12

Date of Issue: 20 DECEMBER 2023

PATENTS, TRADE MARKS, DESIGNS AND COPYRIGHT OFFICE

Official notices of proceedings under:

The Patents Act, 1978

The Designs Act, 1993

The Trade Marks Act, 1963

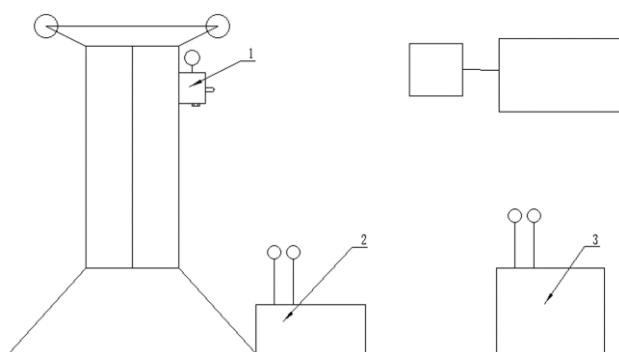
The Trade Marks Act, 1993

The Registration of Copyright in Cinematograph Films Act, 1977

Registrar of Patents, Trade Marks, Designs and Copyright

Note: CIPC acting on behalf of the Government of the Republic of South Africa, cannot guarantee the accuracy of its publications or undertake any responsibility for errors or omissions or their consequences.

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

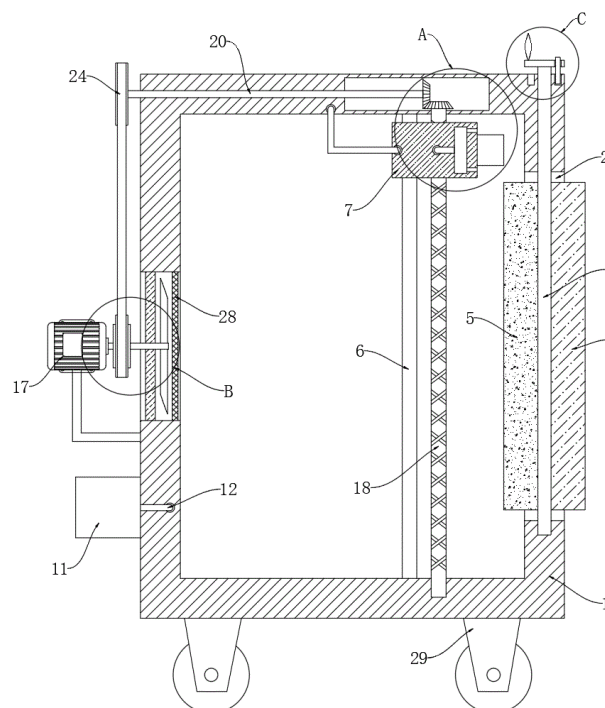
33: CN 31: 2023104805333 32: 2023-04-28

54: AN INTERACTIVE MULTIMEDIA DEVICE FOR INNOVATION AND ENTREPRENEURSHIP EDUCATION

00: -

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

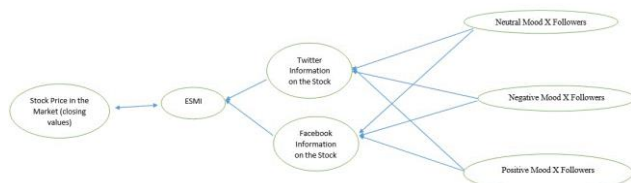
71: Sakthivel Santhoshkumar, Dr. Murugesan Selvam, Dr. S. Balakrishnan, Dr. S. Mohan, Dhamotharan Dhanasekar

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

00: -

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.

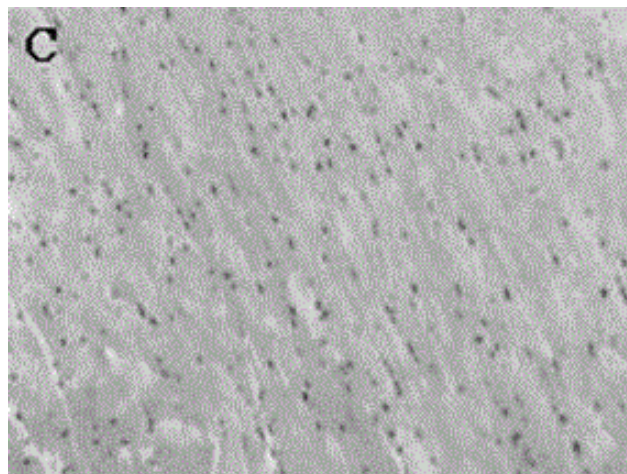


21: 2023/05498. 22: 2023/05/22. 43: 2023/11/29
 51: A61K
 71: FIRST AFFILIATED HOSPITAL OF XINJIANG MEDICAL UNIVERSITY
 72: CHEN, Siyu, LI, Aimei, MA, Yan, DENG, Li, GAO, Rui
 33: CN 31: 202310073255.X 32: 2023-02-07
54: APPLICATION OF DEXMEDETOMIDINE IN PREPARATION OF DRUGS FOR TREATING MUSCLE TISSUE INFLAMMATION

00: -

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
 71: INNER MONGOLIA MEDICAL UNIVERSITY
 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

00: -

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