

(54) Title of the invention : SYSTEM AND METHOD TO STUDY DYNAMIC PROPERTIES OF FIBRE REINFORCED SOIL AND VIBRATION ISOLATION

<p>(51) International classification :H01L0021762000, B32B0007120000, B32B0027060000, E04B0001980000, F16F0015080000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Mr. EADALA RAKESH REDDY Address of Applicant :EE Engineering Construction Services, Plot no: 150, Kavuri Hills Phase 2 Rd, Doctor's Colony, Madhapur, Telangana 500033, India. -----</p> <p>2)Malla Reddy Engineering College (Autonomous) Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)EADALA RAKESH REDDY Address of Applicant :Plot No 150, Kavuri Hills Phase 2, Madhapur, Hyderabad - 500033, Telangana -----</p> <p>2)BASAVA VAMSI KRISHNA Address of Applicant :Department of Civil Engineering, Malla Reddy Engineering College, Main Campus Maisammaguda (H), Telangana State - 500100 -----</p> <p>3)BANDI HARITHA Address of Applicant :Plot No 150, Kavuri Hills Phase 2, Madhapur, Hyderabad - 500033, Telangana -----</p> <p>4)EADALA SAIBABA REDDY Address of Applicant :Plot No 150, Kavuri Hills Phase 2, Madhapur, Hyderabad - 500033, Telangana -----</p> <p>5)CNV SATYANARAYANA REDDY Address of Applicant :Department of Civil Engineering, Andhra University College of Engineering (Visakhapatnam), Andhra Pradesh. -----</p>
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(57) Abstract :

7. ABSTRACT: A method to study dynamic properties of fibre reinforced soil and vibration isolation is disclosed. The said method comprises steps of experimental investigation on vibration absorption, wherein the results from the experiments on vibration absorption (experimental series 1) will help to arrive at the media properties (i.e relative density), thickness of vibration absorption and role of fibers as damping material, whereas this will help in designing the structures subjected to dynamic forces. The method also comprises another step of experimental investigation on vibration isolation, wherein the results from the experiments on vibration isolation (experimental series 2) are expected to help understand the role of medium of isolating trench and depth of trench, whereas this will help in protecting the existing structures from the vibration of the neighboring structures. The method finally involves preparing numerical models, wherein this will help to extrapolate the results for various conditions of vibration to the foundation soil. The Figure associated with Abstract is Fig 1.

No. of Pages : 12 No. of Claims : 1

(54) Title of the invention : HOME AUTOMATION CONTROL BASED ON INDIVIDUALIZED PROFILING AND METHOD THEREOF

<p>(51) International classification :H04L0012280000, G05B0015020000, G05B0019042000, H04L0012640000, G06Q0040000000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Malla Reddy Engineering College (Autonomous) Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)BODA AISHWARYA Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>2)BUSSA SATHWIKA Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>3)Dr.A.Ramaswami Reddy Address of Applicant :Director & Professor,CSE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>4)SANJEEVA POLEPAKA Address of Applicant :Associate Professor M.Tech, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>5)Dr. Pattola Srinivas Address of Applicant :Professor Ph.D ,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>6)B.Rajarao Address of Applicant :Assistant Professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>7)Dr. B HARI KRISHNA Address of Applicant :Associate professor Ph. D Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>8)G JAGAN NAIK Address of Applicant :Associate Professor,M.Tech, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>9)D Krishna kishore Address of Applicant :Associate professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>10)P.Andrews Himakiran Address of Applicant :Associate Professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>11)Dr. T. Srinivas Reddy Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p>
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(57) Abstract :
7. ABSTRACT The present invention relates to home automation system, and non-transitory, machine-readable media that facilitate personalized home automation control based at least in part on individualized protocol. First sensor data may be received, and may be indicative of an identified individual that is sensed by a set of sensors. A particularized pattern of activity of individual may be determined. Second sensor data may be indicative of an unidentified individual. Identification rules specified by a stored protocol record may include criteria for identifying sensed individuals. The second sensor data and/or identification information from another data source may be analyzed to identify the unidentified individual. A home automation rule may be determined based on the particularized pattern, which rule may include an anticipation of an operational setting of a home automation device. The home automation device may be instructed based on the determined home automation rule. Refer Fig.1

No. of Pages : 21 No. of Claims : 10

(54) Title of the invention : WEB-BASED KNOWLEDGE MANAGEMENT & SHARING SYSTEM AND METHOD THEREOF

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(57) Abstract :
7. ABSTRACT The present invention relates to an improved web-based, knowledge management system for an education system. More specifically, the present invention relates to public education systems generally, and particularly to a comprehensive, real-time, interactive knowledge management system with integrated reporting features. The improved web-based, knowledge management system includes functionality for multi-tier data-gathering, data analysis, and data reporting capabilities that link, integrate, and output data at the student, classroom, school, district, and state governmental levels.

(54) Title of the invention : A METHOD AND SYSTEM FOR SELLING PRODUCTS

<p>(51) International classification :G06Q0030060000, G06Q0030020000, G05B0019418000, G07G0001120000, G06Q0090000000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Malla Reddy Engineering College (Autonomous) Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr. N. Ramanjaneyulu Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>2)Dr. G. Hema Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>3)Dr. M. Rajesh Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>4)Mr. Mandala Sreenivas Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>5)Dr. M. Vijaykumar Yadav Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>6)Mr. B. Kiran Kumar Reddy Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>7)Ms. S. Rajani Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>8)Ms. H. Nashara Khan Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p>
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(57) Abstract :

7. ABSTRACT A method and system for selling products is disclosed, where the customer is guided through an interactive process that receives selection criteria from the customer relating to the type of product the customer would like to purchase. The method comprises a step of storing in a product data file a plurality of products or product designs to be sold. The method comprising another step of providing a product suitability data file, said product suitability data file including a plurality of product suitability matrices, each said product suitability matrix corresponding to one of said products or product designs stored in said product data file. Rather than seeking to identify products whose characteristics exactly match customer specifications, the system and method embodies one or more kinds of suitability data for the purpose of selectively retrieving some subset of best fitting or most appropriate products or product data files in response to customer data entry.

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(57) Abstract :
 7. ABSTRACT The present invention relates to a method and system that provides, interactive participation during activity occurring at a college campus venue. In a preferred embodiment of the invention, there is provided a method for enabling interactive participation by enrolled participants during activity occurring at a college campus venue attended by a plurality of persons. Each enrolled participant employs a wireless interactive device having a unique signature. With the help of this method, we can get healthy communication between students of all age and get accurate answers for our queries. Introverts can easily interact without any hesitations. It is a social media sites with no deviations. It has more security and privacy because no personal information is revealed. Refer Fig.1

No. of Pages : 12 No. of Claims : 9

(54) Title of the invention : DC-DC CONVERTER UNIT FOR POWER REGULATION AND CHARGING OF BATTERIES IN ELECTRIC VEHICLE

<p>(51) International classification :H02J0007000000, H02M0003156000, B60L0050500000, H02S0040380000, H02J0007220000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant : 1)Malla Reddy Engineering College (Autonomous) Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)DR N RAJESWARAN Address of Applicant :Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>2)DR P MARIMUTHU Address of Applicant :Professor, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>3)DR T RAJESH Address of Applicant :Professor, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>4)DR M KONDALU Address of Applicant :Professor, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>5)DR KOTA PRASAD RAO Address of Applicant :Professor, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>6)DR P SARALA Address of Applicant :Associate Professor, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>7)E RATHNAKAR Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p> <p>8)SK BAJI BABA Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----- -----</p>
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(57) Abstract :

7. ABSTRACT A dc-dc converter power regulation and charging of a battery in an electric vehicle is disclosed wherein the system(10) comprises of, a 230v main supply(1), a transformer circuit(3), a bridge full wave rectifier circuit(4), a capacitor(8), an IC 7805 voltage regulator(6), a resistor(7) and a led arrangement(9) furthermore a filter circuit (5), a set of comparators(2) and timer circuits were also preinstalled inside the said system(10). The said filters (5) are electronic circuits, which perform signal-processing functions, specifically to remove unwanted frequency components from the signal and to enhance wanted ones. The said system (10) allows a high initial charge current that tapers off until the said battery reaches full charge and the said system (10) uses a constant current, allowing the voltage to rise until the said battery voltage reaches a full charge. Wherein the said system (10) when the charge current is then turned off to prevent overcharging. The Figure associated with the Abstract is Fig 1A and 1B.

No. of Pages : 13 No. of Claims : 10