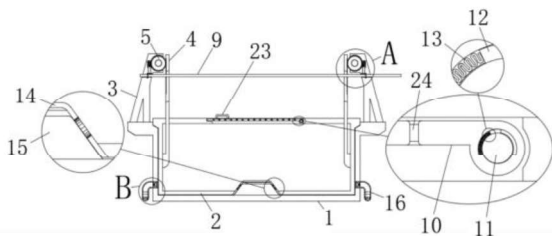


33: CN 31: 2020114189156 32: 2020-12-07  
**54: SPONGE URBAN RAINWATER STORAGE STRUCTURE**

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 The invention relates to the technical field of a rainwater storage structure, in particular, sponge urban rainwater storage structure. This structure includes an outer tank in the shape of tank housing, which has a mouth at the top and an inner tank in the shape of tank housing inside; the upper end of the inner tank extends to the outer tank, two symmetrically distributed support frames are arranged around the inner tank and are fixed on the outer tank, one side of the support frame is provided with a vertical plate, one end of the vertical plate extends into the inner cavity wall of the inner tank, and the end of the vertical plate is fixed on the inner cavity wall of the inner tank. The invention realizes the effective storage of ground water. When the urban ground is dry, the collected water seeps into the ground to moisture plants in the city and produce good energy-saving and environmental protection.

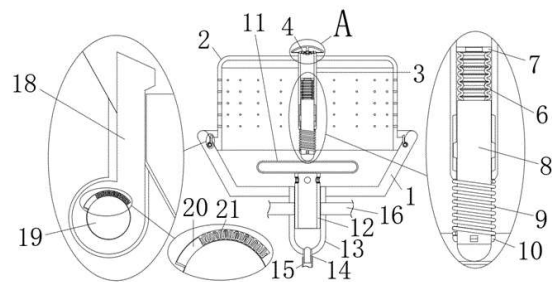


21: 2021/07980. 22: 2021/10/19. 43: 2021/12/01  
 51: E03F  
 71: Linyi University  
 72: Wang Hailong, Jia Chuanyang, Song Xiaoyuan, Zhang Guibin, Sun Xizhen, Yu Xianbin

33: CN 31: 202011416999X 32: 2020-12-07  
**54: WATERLOGGING PREVENTION GREEN BELT STRUCTURE BASED ON SPONGE CITY**

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 The invention is involved with the technical field of waterlogging prevention green belt. Specifically, it is a waterlogging prevention green belt structure including bottom box based on sponge city. The top opening of bottom box is in the shape of dome shell, and the top of bottom box is covered with a barrel top cover. The upper ring of shell sidewall of top cover is set with several uniformly distributed holes. The internal part of the top cover is run through with outer cylinder. The top of outer cylinder is connected

with valve, and the top end of valve is connected with rain cap. The outer cylinder is equipped with corrugated pipe, positioning cylinder and air column. The top end of corrugated pipe is connected with positioning cylinder. The structure design of the invention achieves the double drainage mode. The drainage process would be slow when there is a small amount of ponding in green belt so that the plantation in the green belt would have a sufficient time to absorb the water. Several drainage boxes would assist the drainage when there is excessive ponding so as to prevent the ponding in the green belt from leaking.

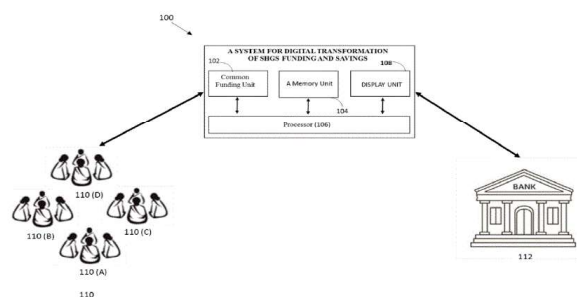


21: 2021/07985. 22: 2021/10/19. 43: 2021/12/01  
 51: G06Q  
 71: DR. NAMITA MISHRA, DR. RAMA SHARMA, DR. VANDANA T. KHANNA, DR. PANKAJ SHARMA, MR. RAVI PARKASH, DR. RITU KOTHIWAL, DR. PRIYANK SHARMA, DR. ANKUR GOEL, MR. VINOD KUMAR BAGAR, PROF. GITA SASHIDHARAN, DR. NEERJA KASHIVE, DR. MITAL SHARDUL BHAYANI, PROF. RAMESH CHANDRA PANDA  
 72: DR. NAMITA MISHRA, DR. RAMA SHARMA, DR. VANDANA T. KHANNA, DR. PANKAJ SHARMA, MR. RAVI PARKASH, DR. RITU KOTHIWAL, DR. PRIYANK SHARMA, DR. ANKUR GOEL, MR. VINOD KUMAR BAGAR, PROF. GITA SASHIDHARAN, DR. NEERJA KASHIVE, DR. MITAL SHARDUL BHAYANI, PROF. RAMESH CHANDRA PANDA

**54: A SYSTEM FOR DIGITAL TRANSFORMATION OF SHG FUNDING AND SAVINGS**

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 The present invention relates to a system (100) for the digital transformation of SHGs (110) funding and savings. The system (100) comprises one or more common funding units (102) and one or more computing units. The one or more computing units are operatively connected with the one or more funding units. The one or more computing unit

comprises a memory unit (104), a processor (106), and a display unit (108). The system (100) includes a passbook for each member of the SHG (110), and a passbook of the SHG (110) will be created; digitalized minutes book records the minutes of the meeting and the bookkeeper maintains digitalized cash book. The system (100) includes the digitalization of SHG (110) deposits and loan disbursement. The digitalization of SHG (110) creates transparency in the SHGS (110) funding and savings. The system (100) also includes digitalized audits. The digitalized audit creates a positive environment for the long existence of the SHG (110).



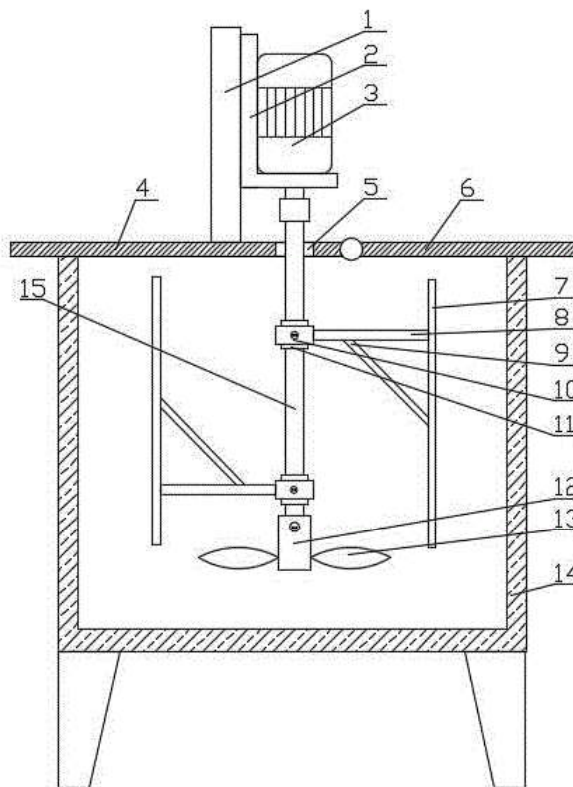
21: 2021/08019. 22: 2021/10/20. 43: 2021/12/03  
51: H01M

71: Henan Huarui High-tech New material Co., Ltd.  
72: Yongkui Peng, Xiaoping Meng, Wenju Cui  
33: CN 31: 202122209243.4 32: 2021-09-13

**54: ELECTROLYTE PREPARATION DEVICE FOR POWER LITHIUM BATTERIES**

00: -  
The disclosure discloses an electrolyte preparation device for power lithium batteries, including a stirring tank body and a cover plate arranged at an upper end of the stirring tank body, in which a stirring shaft is provided at a center of the cover plate, is drivingly connected with a driving mechanism at an upper end of the stirring shaft, and provided with a plurality of junction boards at a lower part of the stirring shaft; an upper stirring mechanism or a cleaning mechanism is movably provided at the junction board; a horizontal rod is included in the cleaning mechanism, of which one end is provided with a first U-shaped clamp block fixed with a junction board via a bolt; and a vertical rod is provided at another end of the horizontal rod, outside which bristles are provided to contact with the inner side of the stirring tank body. The stirring structure can be disassembled and replaced with the cleaning

mechanism, so the inside of the stirring tank can be fully cleaned via the cleaning mechanism while taking out and cleaning the stirring structure.



21: 2021/08020. 22: 2021/10/20. 43: 2021/12/03  
51: H01M

71: Henan Huarui High-tech New material Co., Ltd.  
72: Yongkui Peng, Xiaoping Meng, Wenju Cui  
33: CN 31: 202122209897.7 32: 2021-09-13

**54: ELECTROLYTE FILLING STRUCTURE FOR LITHIUM BATTERIES**

00: -  
The disclosure discloses an electrolyte filling structure for lithium batteries including a shell, a battery core arranged inside the shell, and an inner cavity between the shell and the battery core to load an electrolyte, wherein a battery core cover is provided at an opening of one end of the shell; a liquid injection port is provided on the battery core cover to fill the inner cavity with electrolyte; an electrolyte filling plate is provided inside the shell, and arranged between the battery core and the battery core cover; a liquid storage tank is opened on one side of the electrolyte filling plate close to the battery core cover to load battery fluid, and stores the electrolyte through the liquid injection port; and a