

Title (en)

DRAINAGE CONTROL DEVICE AND CLEANING ROBOT

Title (de)

ABLAUFSTEUERUNGSVORRICHTUNG UND REINIGUNGSROBOTER

Title (fr)

DISPOSITIF DE COMMANDE DE DRAINAGE ET ROBOT DE NETTOYAGE

Publication

EP 3705014 A1 20200909 (EN)

Application

EP 19186354 A 20190715

Priority

CN 201910168852 A 20190306

Abstract (en)

The present invention provides a drainage control device and a cleaning robot, the drainage control device includes a water tank body and a middle cover sealingly disposed on an upper portion of the water tank body; wherein the middle cover is provided with a water inlet, an air inlet, and a steering engine assembly engaged with the air inlet and configured to adjust an opening size of the air inlet to control an air intake amount, the water inlet is mounted with a sealing cover, and a lower portion of the water tank body is provided with at least one water outlet. The present invention precisely controls the air intake amount through the steering gear assembly and the air inlet, and can accurately control the water output under the action of the atmospheric pressure, which is very suitable for the occasion where the displacement needs precise control.

IPC 8 full level

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CPC (source: EP GB US)

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Citation (search report)

- [XA] CN 109259673 A 20190125 - GUANGDONG LESHENG SMART TECH CO LTD
- [XA] CN 109106290 A 20190101 - SHENZHEN WATER WORLD CO LTD

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Designated extension state (EPC)

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