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SOHO24 号楼（北办公楼）13 层 A-1608,
Beijing 100022 (CN)。

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(72) 发明人: 王浩(WANG, Hao); 中国北京市朝阳区东三环中路39号建外SOHO24号楼(北办公楼)13层A-1608, Beijing 100022 (CN)。

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(74) 代理人: 北京五洲洋和知识产权代理事务所(普通合伙)(BEIJING WUZHOUYANGHE & PARTNERS); 中国北京市西城区阜成门外大街2号A1908, Beijing 100037 (CN)。

(71) 申请人: 北京申创世纪信息技术有限公司(BEIJING SHENCHUANG CENTURY INFORMATION TECHNOLOGY CO., LTD.) [CN/CN]; 中国北京市朝阳区东三环中路 39 号建外

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(54) Title: ANTI-OVERFLOW PIPE

(54) 发明名称: 一种防溢流管

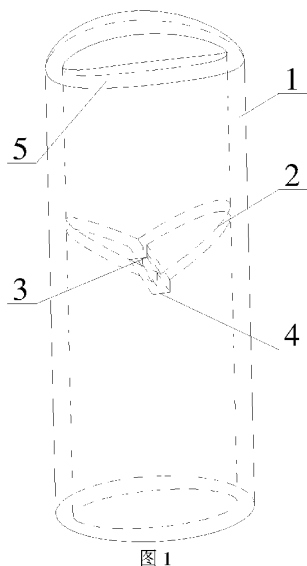


图 1

(57) Abstract: An anti-overflow pipe, comprising a pipe wall (1) and a valve (2); on a plane perpendicular to the lengthwise direction of the pipe wall (1), the cross section of the inner side wall of the pipe wall (1) is oval, and the cross section of the outer side wall of the pipe wall (1) has a closed ring shape; in a plane where the long axis of the oval of the inner side wall and the lengthwise direction of the pipe wall (1) are located, the cross section of the valve (2) has a V-shaped structure and is connected to the inner side wall; and the valve (2) is provided with a slit (3) for unidirectional communication of fluid. The valve (2) having a V-shaped structure is provided on the pipe wall (1) having an oval cross section, so that fluid is sucked out under the action of a suction force, preventing waste of fluid, and scalding and wetting of a user, ensuring personal safety of a user. In addition, the valve (2) can achieve a buffering effect on the flowing of fluid, avoiding the hidden danger of excessively fast fluid flow, and also preventing the fluid outside the pipe wall (1) from flowing to the inside of the pipe wall through the valve (2) and causing fluid contamination.

(57) 摘要: 一种防溢流管, 包括管壁 (1) 和瓣膜 (2); 在垂直于管壁 (1) 长度方向的平面上, 管壁 (1) 的内侧壁截面呈椭圆形, 管壁 (1) 的外侧壁截面呈封闭环状; 在内侧壁的椭圆形长轴和管壁 (1) 的长度方向所处平面内, 瓣膜 (2) 的截面呈V型结构, 并与内侧壁相连, 瓣膜 (2) 上设有切缝 (3), 用于单向导通流体。在截面为椭圆形的管壁 (1) 上设置V型结构的瓣膜 (2), 使得流体在受吸力作用下被吸出, 避免了流体浪费和烫伤、沾湿使用者, 能够保障使用者的人身安全。同时, 瓣膜 (2) 能够对流体的流通起到缓冲作用, 避免流体流动过快的隐患, 还能够避免管壁 (1) 外部的流体经瓣膜 (2) 流入管壁内造成流体污染。

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