

Title (en)
THE MEN'S URINAL

Title (de)
MÄNNERURINAL

Title (fr)
URINOIR POUR HOMMES

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Application
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Abstract (en)
[origin: WO0183899A1] This invention provides an automatic elevator urinal which uses sensors. Currently male users' urinate in unisex toilet bowls or in stationary male urinals so there is many occurrences of urine spilling outside the urinal or toilet bowl resulting in bad odours and unhygienic conditions and use the same amount of water as with defecation. This invention provides a solution to these problems. It provides an urinal for men which calculates the appropriate height the urinal bowl should be for each different male user and adjusts the urinal bowl height so it will be a perfect match for each individual user. This will maximise ease of use and minimise urine spillage. It comprises of the urinal bowl 1, the main sliding board 2 for the urinal to slide vertically in, the water tank 7, the motor 8 which drives the urinal bowl vertically, a proximity sensor 3 to detect a user approaching and leaving, a height measuring sensor 4 and the control unit (hardware controller) which moves the urinal bowl vertically to a calculated appropriate value. The benefits of this invention are that it gives complete underneath cover so that it does not allow the urine to fall outside to maximise hygiene. It will also only use the necessary amount of water when flushing to minimise water usage leading to water saving.

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