

Title (en)

Two-way barrier for preventing rats or other vermin from entering a sewage pipe system

Title (de)

Zwei-Wege-Sperre gegen das Eindringen von Ratten oder anderem Ungeziefer in ein Abwasserrohrsystem

Title (fr)

Barrière bidirectionnelle pour empêcher les rats ou autres animaux indésirables d'entrer dans un système de tuyau pour eaux usées

Publication

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Application

EP 09389501 A 20090305

Priority

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Abstract (en)

[origin: EP2113615A1] The invention relates to a barrier for preventing rats or other vermin from entering a sewage pipe. The barrier comprises a support element (33) that is mountable within the pipe, and a first shutter (30) pivotally suspended within the support element (33) for rotation about a horizontal axis (32) and having a centre of gravity lying under the axis (32). The shutter (30) is pivotal between a first angular position (v) in which the first shutter is forming an acute angle with the direction of flow and at least substantially barring the aperture of the barrier, and a second angular position (w) in which the first shutter (30) is forming a second relatively smaller angle with the direction of flow thus keeping the aperture of the barrier at least partly open. Preferably, a second shutter (31) is placed upstream of a first shutter (30) and is pivotally suspended about a second axis and having a centre of gravity located under the second axis. The first shutter (30) can be suspended within the support element (33) in two different orientations such that the direction in which the barrier blocks vermin from passing may be changed according to the needs without changing the orientation of the support element (33).

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3792414A1; US2011272052A1; EP2685015A3; GB2491633A; GB2491633B; GB2588082A; GB2588082B; WO2019068301A1; EP2385179A1; WO2011158226A1; EP3739136A1; EP2868823A1; EP4086399A1

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