

Title (en)  
SYSTEM FOR DETECTING WATER LEAKS AND PREVENTING WATER DAMAGE

Title (de)  
ANLAGE ZUR ERKENNUNG UND VERMEIDUNG VON WASSERLECKAGEN

Title (fr)  
SYSTEME DE DETECTION ET DE PROTECTION DES FUITES D'EAU

Publication  
**EP 0807197 A1 19971119 (FR)**

Application  
**EP 96930217 A 19960905**

Priority  
• FR 9601363 W 19960905  
• FR 9513129 A 19951107

Abstract (en)  
[origin: WO9717500A1] A system for detecting and locating leaks in vertical water supply pipes in a building. The system consists of a leak water retaining device (4) combined with two separate electrodes (6, 7). The water establishes contact between the two electrodes connected to a central unit that actuates a solenoid valve. The leak water recovered in a container (1) is discharged into the waste water down-pipe (10). If the down-pipe is blocked, the device uses the resulting backflow to trigger the closure of the collective solenoid valve. Said system is particularly suitable for preventing water damage resulting from a riser leak or congestion in a waste water down-pipe.

IPC 1-7  
**E03B 7/00**; **G01M 3/18**

IPC 8 full level  
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CPC (source: EP)  
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