

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
E03B 7/00 (2006.01); **G01M 3/18** (2006.01)

CPC (source: EP)
E03B 7/071 (2013.01); **G01M 3/183** (2013.01); **Y02A 20/15** (2017.12)

Citation (search report)
See references of WO 9717500A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9717500 A1 19970515; CA 2212968 A1 19970515; EP 0807197 A1 19971119; FR 2740857 A1 19970509; FR 2740857 B1 19981030

DOCDB simple family (application)
FR 9601363 W 19960905; CA 2212968 A 19960905; EP 96930217 A 19960905; FR 9513129 A 19951107