

Title (en)  
Improved tank valve system of sanitary equipment

Title (de)  
Verbessertes Tankventilsystem für Sanitäranlage

Title (fr)  
Système amélioré de clapet d'un réservoir pour équipement sanitaire

Publication  
**EP 0985774 A1 20000315 (EN)**

Application  
**EP 98500201 A 19980909**

Priority  
EP 98500201 A 19980909

Abstract (en)  
Improvements in valve devices for sanitary water tanks in general: of the type comprising a main body (a) conforming a box (5) having a liquid inlet with a side coupling (1) which is connectable to the water inlet opening in the tank and an interior outlet opening (3) projecting to a pipe (4) which terminates close to the tank bottom; said body (a) is connected with a first class lever, having a rod (12) as a resistance arm coupled to a float, while the resistance element of said lever conforms the variable thrust element of a piston (8) which is guided sliding facing the liquid inlet to the box (5) constituting a valve plug of said inlet, characterized in that there exist a narrow passage (6) between the piston (8) and the inlet opening where a removable elastomeric disc joint (7) is placed, forming a sealing joint for the closing position; and said passage (6) having in one end a bushing (3') for connection to the discharge pipe (4) and the other end with an access inlet to said joint, which can be closed with a lid (18). <IMAGE>

IPC 1-7  
**E03D 1/32**

IPC 8 full level  
**E03D 1/32** (2006.01)

CPC (source: EP)  
**E03D 1/32** (2013.01)

Citation (applicant)  

- AR 208443 A1 19761227 - NOVOA J [AR]
- AR 055117 A2 20070808 - SEIKO EPSON CORP [JP]
- AR 234820 A

Citation (search report)  

- [X] FR 779352 A 19350403
- [A] FR 1563191 A 19690411
- [A] US 3832739 A 19740903 - CAMPIGLIA G

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DE ES FR GB IT

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