

Title (en)  
Drain water sump

Title (de)  
Bodenablauf

Title (fr)  
Bouche d'égout

Publication  
**EP 1491694 B1 20150812 (EN)**

Application  
**EP 04102959 A 20040625**

Priority  
IT MI20031324 A 20030627

Abstract (en)  
[origin: EP1491694A1] The sump has a vessel (2) with an inner chamber having an access opening and a drain hole. The vessel comprises flat top and bottom walls parallel to each other. A tank is inserted inside the chamber to divide it into two compartments. The tank is inserted inside the vessel to define an annular channel between the tank and vessel. The compartments communicate through an outflow opening associated with a non-return valve.

IPC 8 full level  
**E03F 5/02** (2006.01); **E03F 5/04** (2006.01); **E03F 5/22** (2006.01)

CPC (source: EP)  
**E03F 5/024** (2013.01); **E03F 5/0407** (2013.01); **E03F 5/22** (2013.01); **E03F 2005/0413** (2013.01); **E03F 2005/0417** (2013.01)

Citation (examination)  
DE 3112141 A1 19821007 - DALLMER HELMUTH FA [DE]

Cited by  
WO2011082970A1; CN102587486A; CN107254908A; CN113832803A; CN106592726A; CN102518200A

Designated contracting state (EPC)  
GR TR

DOCDB simple family (publication)  
**EP 1491694 A1 20041229; EP 1491694 B1 20150812**; IT MI20031324 A0 20030627; IT MI20031324 A1 20041228

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