

Title (en)  
Interceptor tank.

Title (de)  
Auffangbehälter.

Title (fr)  
Réservoir d'interception.

Publication  
**EP 0048158 A2 19820324 (EN)**

Application  
**EP 81304205 A 19810915**

Priority  
GB 8029973 A 19800917

Abstract (en)  
The invention is concerned with an interceptor tank, of the kind installed in drainage systems such as at garages, to prevent liquid of low specific gravity such as oil or petrol from being discharged with surface water into the sewage system. In accordance with the invention an interceptor tank (6) is divided into three generally superposed separation chambers (8, 10, 12) by partitions (14, 16). Inlet means (42) is provided by which water containing petrol or oil is delivered to the lowermost chamber (8), the partitions being provided with apertures (26, 28) whereby water may pass upwardly from the lowermost to successively higher chambers, and through an outlet (38). A supplementary compartment (18) is provided, which is connected to the chambers in a manner whereby liquid of a specific gravity less than 1 may flow therefrom into the supplementary compartment, the supplementary compartment having an outlet (48) through which low s.g. liquid may flow, which is positioned at a level higher than the outlet (38) from the uppermost chamber. Liquid from the supplementary chamber (18) flows through the outlet (48) into a collection chamber (50) from which water may be removed from the lower part, and low s.g. liquid from the upper part.

IPC 1-7  
**E03F 5/16**

IPC 8 full level  
**E03F 5/16** (2006.01)

CPC (source: EP)  
**E03F 5/16** (2013.01)

Cited by  
WO8504204A1; WO9801395A1

Designated contracting state (EPC)  
AT BE DE FR IT NL SE

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