

Title (en)  
Compartmentalised tank

Title (de)  
In verschiedene Unterbereiche unterteilter Bottich

Title (fr)  
Cuve compartimentée

Publication  
**EP 2184148 B1 20121017 (FR)**

Application  
**EP 08168492 A 20081106**

Priority  
EP 08168492 A 20081106

Abstract (en)  
[origin: EP2184148A1] The molded compartmentalized tank (101) comprises a bottom and a peripheral wall (105) and partitions (100) with fine and/or light material whose edges are sealed by molding the wall and the bottom of the tank to obtain a perfect seal between the compartments. The sealed edges have an anchoring unit. The anchoring unit has a dovetail shaped section (101), pear shaped section and/or T-shaped section, and is formed by perforations. The wall and/or bottom of the tank have high spots on their inner surface in place where the edges of the partitions are sealed by molding. The molded compartmentalized tank (101) comprises a bottom and a peripheral wall (105) and partitions (100) with fine and/or light material whose edges are sealed by molding the wall and the bottom of the tank to obtain a perfect seal between the compartments. The sealed edges have an anchoring unit. The anchoring unit has a dovetail shaped section (101), pear shaped section and/or T-shaped section, and is formed by perforations. The wall and/or bottom of the tank has high spots on their inner surface in place where the edges of the partitions are sealed by molding, and a vertical tapered section at the wider side of the bottom of the tank. The tank includes concrete, cement, polyester and other materials such as fibers, accelerators, waterproofing agent and/or polymer resins. The partitions are made of simple, complex and/or integrated materials, and form a cassette bioreactor. Independent claims are included for: (1) a method for compartmentalization of molded tank with a bottom and a peripheral wall; and (2) a wastewater purification station.

IPC 8 full level  
**B28B 23/00** (2006.01); **B29C 37/00** (2006.01); **C02F 3/12** (2006.01)

CPC (source: EP)  
**B28B 23/00** (2013.01); **B28B 23/0043** (2013.01); **B65D 90/004** (2013.01)

Cited by  
EP2939984A1

Designated contracting state (EPC)  
BE DE FR

DOCDB simple family (publication)  
**EP 2184148 A1 20100512; EP 2184148 B1 20121017**

DOCDB simple family (application)  
**EP 08168492 A 20081106**