

Title (en)

VESSEL WHICH IS DESIGNED FOR THE ON BOARD COLLECTION OF WASTE WITHOUT THE NEED FOR PUMPING

Title (de)

ZUM SAMMELN VON ABFÄLLEN AN BORD OHNE DAS ERFORDERNIS ZUM PUMPEN AUSGEFÜHRTES SCHIFF

Title (fr)

BATIMENT DESTINE A RECUEILLIR A SON BORD DES DECHETS SANS NECESSITER DE POMPAGE A CET EFFET

Publication

EP 1534585 B1 20090819 (FR)

Application

EP 03763940 A 20030709

Priority

- FR 0302132 W 20030709
- FR 0209002 A 20020712

Abstract (en)

[origin: US7452462B2] A vessel travels over a surface of a body of water or a waterway to collect waste on and/or close to the surface. A retainer that traps and retains the waste is activated by creating a water flow channel that is connected to a water inlet and a water outlet on the vessel. The retainer is on at least one trajectory of said channel. Waste is collected without using a specific pumping or gathering device.

IPC 8 full level

B63B 35/32 (2006.01); **E02B 15/04** (2006.01); **E02B 15/10** (2006.01)

CPC (source: EP US)

B63B 35/32 (2013.01 - EP US); **Y10S 210/923** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2006144774 A1 20060706; US 7452462 B2 20081118; AT E440025 T1 20090915; AU 2003263274 A1 20040202; CA 2500183 A1 20040122; CA 2500183 C 20120313; CN 100556754 C 20091104; CN 1681704 A 20051012; DE 60328897 D1 20091001; DK 1534585 T3 20091102; EP 1534585 A1 20050601; EP 1534585 B1 20090819; ES 2333007 T3 20100216; FR 2842169 A1 20040116; FR 2842169 B1 20050715; HK 1084081 A1 20060721; JP 2005532946 A 20051104; JP 4450733 B2 20100414; PT 1534585 E 20091125; WO 2004007273 A1 20040122

DOCDB simple family (application)

US 52094405 A 20051024; AT 03763940 T 20030709; AU 2003263274 A 20030709; CA 2500183 A 20030709; CN 03821804 A 20030709; DE 60328897 T 20030709; DK 03763940 T 20030709; EP 03763940 A 20030709; ES 03763940 T 20030709; FR 0209002 A 20020712; FR 0302132 W 20030709; HK 06104148 A 20060404; JP 2004520742 A 20030709; PT 03763940 T 20030709