

Title (en)

SAFEGUARDING ARRANGEMENT FOR COLLECTING A FLUID ESCAPING INTO A BODY OF WATER

Title (de)

SCHUTZEINRICHTUNG ZUM AUFFANGEN EINES IN EIN GEWÄSSER EINTWEICHENDEN FLUIDS

Title (fr)

DISPOSITIF DE PROTECTION POUR CAPTURER UN FLUIDE S'ÉCHAPPANT DANS L'EAU

Publication

EP 2593639 A2 20130522 (DE)

Application

EP 11730962 A 20110708

Priority

- DE 102010051164 A 20101115
- DE 102010027062 A 20100713
- EP 2011061656 W 20110708

Abstract (en)

[origin: CA2802947A1] The invention relates to a safeguarding arrangement in order to prevent fluids, gaseous or liquid, from escaping in an unforeseen or uncontrolled manner into a body of water, e.g. from a fault (14) in the bottom (15) of the body of water or from the defective ascending pipeline (16) of a borehole. The safeguarding arrangement has a cupola-like membrane (12), which is impermeable to the fluid, and also individually navigable floats (17), which are fitted on the membrane (12) and are intended for positioning and stabilizing the membrane (12). An outlet hose (102) for discharging the fluid is mounted on the membrane. It is also the case that the outlet hose has individually navigable floats (17) for positioning and stabilizing it.

IPC 8 full level

E21B 43/01 (2006.01); **E02B 15/08** (2006.01)

CPC (source: EP US)

E02B 15/0807 (2013.01 - US); **E21B 43/0122** (2013.01 - EP US)

Citation (search report)

See references of WO 2012007389A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010051164 A1 20120119; CA 2802947 A1 20120119; CA 2802947 C 20150818; CN 203374258 U 20140101; EP 2593639 A2 20130522; EP 2593639 B1 20140604; ES 2495998 T3 20140918; HK 1185393 A1 20140214; JP 3184629 U 20130711; RU 2013103428 A 20140820; RU 2555178 C2 20150710; US 2013108369 A1 20130502; US 9328471 B2 20160503; WO 2012007389 A2 20120119; WO 2012007389 A3 20120621

DOCDB simple family (application)

DE 102010051164 A 20101115; CA 2802947 A 20110708; CN 201190000591 U 20110708; EP 11730962 A 20110708; EP 2011061656 W 20110708; ES 11730962 T 20110708; HK 13112787 A 20131115; JP 2013600039 U 20110708; RU 2013103428 A 20110708; US 201113807416 A 20110708