

Title (en)

UNDERSEA LEAK REMEDIATION DEVICE AND METHOD

Title (de)

UNTERWASSER-LECKSCHLIESSUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RÉHABILITATION DE FUITES SOUS-MARINES

Publication

**EP 2569510 A2 20130320 (EN)**

Application

**EP 11781186 A 20110510**

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- US 2011035998 W 20110510

Abstract (en)

[origin: US2011274496A1] The present invention pertains to a rapidly deployable, low cost, submersible leak remediation device for capturing lighter specific gravity materials leaking from a submerged leak location in a heavier specific gravity fluid. The device features: an anchor unit; a collection shroud capable of being anchored in place in proximity over the submerged leak location to permit the materials to flow upward into the collection shroud interior space, through a riser conduit and into a floating surface collection hub in fluid communication with the collection shroud. Another embodiment of the present invention utilizes a shroud system that can be employed to capture materials leaking from a side rupture of a substantially vertical pipeline and direct such materials, through a conduit, to the surface collection hub. A method of deployment and use of these embodiments to collect such leaking materials from subsea locations is also disclosed.

IPC 8 full level

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