

Title (en)

A system for rendering tanks safe

Title (de)

Ein System um Behälter sicher zu machen

Title (fr)

Un système pour rendre les réservoirs sûrs

Publication

EP 1683998 A2 20060726 (EN)

Application

EP 06001379 A 20060124

Priority

IT MI20050096 A 20050125

Abstract (en)

A system for rendering tanks safe according to the invention comprises an outer tank or reservoir (1) to be rendered safe, and an inner tank (2) made of plastic material able to contain the polluting liquid, positioned within the outer tank (1) in such a way as to generate an inter-space (30) between them, an intake pipe (4) positioned inside the inter-space (30) and connected to intake means (40) to aspirate air from the inter-space and exhaust it into the external environment, a supply pipe (5) positioned inside the inter-space (30) and connected to the external environment to inject air from the exterior into the inter-space (30) in order to replenish the air aspirated by the intake pipe (4), and a vapour detection unit (6) comprising a vapour sensor (60) connected to the intake means (40) to detect the vapours aspirated from the inter-space (30) and accordingly to activate an audible/visual alarm (61).

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102017003437A1; CN102190139A; US11703492B2; WO2014167148A3; WO2019139183A1; EP2656352B1

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