

Title (en)
LEAKAGE SELF-HELP CONTAINER FOR STOCKING HAZARDOUS CHEMICAL PRODUCTS

Title (de)
BEHÄLTER MIT LECKSCHUTZ ZUR LAGERUNG CHEMISCHER GEFÄHRSTOFFE

Title (fr)
CONTENANT AUTO-ASSISTÉ CONTRE LES FUITES POUR STOCKER DES PRODUITS CHIMIQUES DANGEREUX

Publication
EP 2311756 A4 20120404 (EN)

Application
EP 09793828 A 20090706

Priority
• CN 2009072635 W 20090706
• CN 200810130540 A 20080707

Abstract (en)
[origin: EP2311756A1] A leakage self-rescue container for stocking dangerous chemicals comprises a first container for stocking dangerous chemicals, and a second container installed and fixed in the first container. The second container contains a substantially harmless liquefied gas and has an opening, which controllably communicates with the external environment. Where dangerous chemical products leak due to accidents or are threatened by high temperature, the liquefied gas in the second container releases so that the temperature in the first container decreases and thereby the pressure in the first container reduces so as to avoid the leakage or explosion caused by overpressure, or to increase the viscosity of the dangerous chemicals to reduce the leakage rate when the leakage occurs and to obtain valuable time for more effective rescue.

IPC 8 full level
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CPC (source: EP KR US)
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F17C 3/00 (2013.01 - KR); **F25D 5/00** (2013.01 - KR)

Citation (search report)
• [X1] JP 2005297994 A 20051027 - OSAKA GAS CO LTD
• [A] JP H10318497 A 19981204 - RITSUSHII KK
• [A] JP 2000266294 A 20000926 - ISHIKAWAJIMA HARIMA HEAVY IND
• See references of WO 2010003353A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
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