

Title (en)  
LIGHTWEIGHT EMERGENCY DISPOSAL SYSTEM FOR EXPLOSIVES/UNEXPLODED ORDNANCES

Title (de)  
LEICHTES NOTFALLENTSORGUNGSSYSTEM FÜR SPRENGSTOFFE/UNEXPLOSIONSWAFFEN

Title (fr)  
SYSTÈME D'ÉLIMINATION D'URGENCE LÉGER POUR EXPLOSIFS/MUNITIONS NON EXPLOSÉES

Publication  
**EP 4317907 A1 20240207 (EN)**

Application  
**EP 22778890 A 20220328**

Priority  
• CN 202110348944 A 20210331  
• CN 2022083497 W 20220328

Abstract (en)  
The present disclosure relates to an emergency disposal system for dangerous goods, and belongs to the technical field of protection equipment. A lightweight emergency disposal system for an explosive/unexploded ordnance includes a protection device, a grabbing device, a composite explosion-proof drum and a mobile device, wherein the protection device is used for protecting explosive ordnance disposal personnel; the grabbing device is used for grabbing the explosive/unexploded ordnance; the composite explosion-proof drum is used for temporarily storing the explosive/unexploded ordnance; and a mobile base is used for longer-distance movement of the emergency disposal system. The emergency disposal system integrates various functions such as explosive ordnance disposal protection, explosive grabbing and temporary explosive storage and can implement explosion safety protection for the whole process, thereby avoiding personal injuries caused by accidental explosion during disposal.

IPC 8 full level  
**F42D 5/04** (2006.01); **F42D 5/045** (2006.01)

CPC (source: CN EP)  
**F42D 5/04** (2013.01 - CN EP); **F42D 5/045** (2013.01 - CN EP)

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4317907 A1 20240207**; CN 113237400 A 20210810; CN 113237400 B 20220318; WO 2022206708 A1 20221006

DOCDB simple family (application)  
**EP 22778890 A 20220328**; CN 202110348944 A 20210331; CN 2022083497 W 20220328