

Title (en)
A MODULAR MOBILE FIELD-DEPLOYABLE LABORATORY FOR RAPID, ON-SITE DETECTION AND ANALYSIS OF BIOLOGICAL TARGETS

Title (de)
MODULARES MOBILES IM FELD EINSETZBARES LABOR ZUR SCHNELLEN VOR-ORT-DETEKTION UND -ANALYSE BIOLOGISCHER ZIELE

Title (fr)
LABORATOIRE MODULAIRE DEPLOYABLE PAR CHAMP MOBILE POUR LA DETECTION ET L'ANALYSE RAPIDES SUR PLACE DE CIBLES BIOLOGIQUES

Publication
EP 3886650 A1 20211006 (EN)

Application
EP 19881358 A 20191108

Priority
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• US 2019060464 W 20191108

Abstract (en)
[origin: WO2020097459A1] A mobile field-deployable laboratory to more conveniently enable the detecting, sequencing and analyzing of biological agents at the point-of-need. This device enables field operators to go from sample to actionable information in the field without the need for an internet connection or grid-based power. The present mobile laboratory is configured in a footlocker configuration including a plurality of different compartments specifically configured for holding all of the necessary equipment for use in a wide variety of different applications including successfully extracting, amplifying, sequencing and characterizing specific viruses, pathogens and other bacteria directly in the field including an integrated power supply for providing power to the relevant components for up to 72 hours of continuous use without the need for any external power source. The present mobile laboratory includes a deployable workbench area which provides a stable workstation when the footlocker configuration is deployed.

IPC 8 full level
A47C 9/00 (2006.01); **A45C 5/03** (2006.01); **A45C 5/04** (2006.01); **A45C 5/06** (2006.01); **A47B 3/10** (2006.01)

CPC (source: EP GB)
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