

Title (en)
Vehicle for detecting NBC threats

Title (de)
ABC-Aufklärungsfahrzeug

Title (fr)
Véhicule de reconnaissance pour détecter des agents NBC

Publication
EP 1319918 A2 20030618 (DE)

Application
EP 02021925 A 20020928

Priority
DE 10160210 A 20011207

Abstract (en)
The machine has a mission module volume divided in two, preferably transversely, by an ABC sealed bulkhead. A deployable self-propelled remotely-controlled mission-specific daughter vehicle in the rear section has a specimen gathering arm that places specimens in an analysis chamber on the bulkhead for handling and analysis from the other side by an operator protected against direct contact. <??>The machine (1) has a wheel or chain chassis and a drive for propulsion as well as a vehicle structure for accommodating and installation of all components for the operation of the vehicle and a specific fitting of a module for a mission vehicle and a self-propelled remote-controlled mission-specific daughter vehicle (9-111). A mission module volume (2a) in the vehicle is divided in two, preferably transversely, by an Armored Atomic, Biological and Chemical or ABC sealed bulkhead (3). The daughter vehicle in the rear section has a specimen gathering arm (10,11) that places specimens in an analysis chamber (4) on the bulkhead for handling and analysis from the other side by an operator (12) protected against direct contact.

Abstract (de)
Für die Variante ABC-Spür- und Tochterfahrzeug eines gepanzerten Transportfahrzeugs wird vorgeschlagen, ein fernbedientes Tochterfahrzeug 9 in einem heckseitigen abgeschlossenen Modulraum 7 des Basisfahrzeugs 1 unterzubringen, aus dem das Tochterfahrzeug selbstständig aus- und einfahren und Proben 11 an unzugänglichen Orten aufnehmen kann bei Aufrechterhaltung des uneingeschränkten ABC-Schutzes für die Fahrzeugbesatzung 12 und bei direkter Analysemöglichkeit der Proben 11 im Trägerfahrzeug. <IMAGE>

IPC 1-7
F41H 7/03; **F41H 7/02**; **B60P 3/00**; **B60P 3/03**

IPC 8 full level
F41H 7/03 (2006.01)

CPC (source: EP)
F41H 7/03 (2013.01); **F41H 7/048** (2013.01)

Citation (applicant)
• DE 4219688 A1 19931223 - KRAUSS MAFFEI AG [DE]
• DE 19502036 A1 19960725 - KRAUSS MAFFEI AG [DE]
• DE 19619865 A1 19971120 - MAK SYSTEM GMBH [DE]
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RU2504728C1; DE102005022433B3; EP2042814A3; FR3066266A1; WO2018206882A1; DE102008016844A1; EP2042814A2; EP2106939A1; DE102008050516A1; EP3622241B1

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