

Title (en)  
Vehicle for detecting NBC threats

Title (de)  
ABC-Aufklärungsfahrzeug

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

Publication  
**EP 1319918 B1 20061129 (DE)**

Application  
**EP 02021925 A 20020928**

Priority  
DE 10160210 A 20011207

Abstract (en)  
[origin: EP1319918A2] 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.

IPC 8 full level  
**F41H 7/03** (2006.01); **B60P 3/00** (2006.01); **B60P 3/03** (2006.01); **F41H 7/02** (2006.01)

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

Cited by  
RU2504728C1; DE102005022433B3; EP2042814A3; FR3066266A1; WO2018206882A1; DE102008016844A1; EP2042814A2; EP2106939A1; DE102008050516A1; EP3622241B1

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