

Title (en)
Vehicle for detecting NBC threats

Title (de)
ABC-Aufklärungsfahrzeug

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

Publication
EP 1319918 A3 20040107 (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 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 (search report)
• [A] DE 19502036 A1 19960725 - KRAUSS MAFFEI AG [DE]
• [A] EP 0248322 A2 19871209 - PIETZSCH IBP GMBH [DE]
• [A] FR 2190087 A5 19740125 - KERNFORSCHUNG GMBH GES FUER [DE]
• [A] US 4729444 A 19880308 - TUBMAN CHARLES [US]

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

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1319918 A2 20030618; **EP 1319918 A3 20040107**; **EP 1319918 B1 20061129**; AT E347085 T1 20061215; DE 10160210 A1 20030626; DE 50208837 D1 20070111

DOCDB simple family (application)
EP 02021925 A 20020928; AT 02021925 T 20020928; DE 10160210 A 20011207; DE 50208837 T 20020928