

Title (en)
BREATHABLE PROTECTIVE GLOVE WITH ABC PROTECTION

Title (de)
ATMUNGSAKTIVER SCHUTZHANDSCHUH MIT ABC-SCHUTZ

Title (fr)
GANT DE PROTECTION RESPIRANT A PROTECTION NBC

Publication
EP 1677636 B1 20100414 (DE)

Application
EP 04765247 A 20040915

Priority

- EP 2004010340 W 20040915
- DE 10348470 A 20031014
- DE 10354902 A 20031124

Abstract (en)
[origin: US2005076418A1] A protective glove having a protective function against toxic chemical agents, especially chemical warfare agents, and a multilayer construction including a breathable layer is disclosed. The glove has a support layer and a barrier layer, which is assigned to the support layer and which faces the hand when the glove is worn, prevents or at least retards the passage of toxic chemical agents, and contains an adsorption layer based on an adsorbent material, such as activated carbon, which adsorbs toxic chemical agents. The barrier layer has, in addition to the adsorption layer, a membrane, which is at least preferably impermeable to water and air, but permeable to water vapor, and which retards the passage of toxic chemical agents or is at least essentially impermeable to toxic chemical agents. The membrane is arranged between the support layer and the adsorption layer. The protective glove has a high degree of wearing comfort with good tactility properties and at the same time provides excellent protection against toxic chemical agents.

IPC 8 full level
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CPC (source: EP US)
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