

Title (en)

APPARATUS FOR PROVIDING BREATHABLE AIR AND BODILY PROTECTION IN A CONTAMINATED ENVIRONMENT

Title (de)

VORRICHTUNG ZUR BEREITSTELLUNG ATEMBARER LUFT UND KÖRPERLICHEN SCHUTZES IN EINER KONTAMINIERTEN UMGEBUNG

Title (fr)

APPAREIL DE FOURNITURE D'AIR RESPIRABLE ET DE PROTECTION DU CORPS DANS UN ENVIRONNEMENT CONTAMINE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006012475A2] An apparatus for protecting a user in a hazardous or contaminated environment caused by chemical, fire, biological, and/or nuclear contamination includes a selfcontained breathing apparatus (SCBA) for providing tank stored breathable air, a powered air purifying respirator (PAPR) for purifying ambient air and a valve system that can be used to control the source of air from either the SCBA or the PAPR. The source of breathable air can be selectively controlled via manual or automatic controls while a protective body suit can be operably coupled with the SCBA and the PAPR to protect a user within the contaminated environment.

IPC 8 full level

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Citation (search report)

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