

Title (en)  
SYSTEM FOR MONITORING WEARERS OF PROTECTIVE RESPIRATORY EQUIPMENT

Title (de)  
SYSTEM ZUR ÜBERWACHUNG VON ATEMSCHUTZGERÄTETRÄGERN

Title (fr)  
SYSTEME DE SURVEILLANCE DE PORTEURS DE MASQUES A GAZ

Publication  
**EP 1077742 B1 20070606 (DE)**

Application  
**EP 99920686 A 19990416**

Priority  
• DE 19822412 A 19980519  
• EP 9902573 W 19990416

Abstract (en)  
[origin: US6472988B1] A monitoring system for monitoring wearers of respiratory equipment and a mobile part and to a base station for use in such a system. To reduce the risks for wearers of respiratory equipment, system data are continuously transmitted to a base station by a mobile part which is attached to a compressed-air breathing apparatus and which has a radio transmitter. Alarm and warning signals are visually and/or audibly communicated both to the wearer of the respiratory equipment and to a monitoring person as a function of the system data.

IPC 8 full level  
**A62B 9/00** (2006.01)

CPC (source: EP US)  
**A62B 9/006** (2013.01 - EP US)

Citation (examination)  
• WO 9303465 A1 19930218 - NORTH SOUTH CORP [US]  
• "Requirement No MG-41, Issue 1, A cardinal points requirement for a radio telemetry system for use by the fire service", 12 January 1994, RADIO EQUIPMENT GROUP, HOME OFFICE, LONDON

Cited by  
WO2004091725A1

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

DOCDB simple family (publication)  
**US 6472988 B1 20021029**; AT E363928 T1 20070615; CA 2337631 A1 19991125; DE 19822412 A1 19991125; DE 19822412 B4 20080605; DE 59914367 D1 20070719; EP 1077742 A1 20010228; EP 1077742 B1 20070606; EP 1077742 B2 20110525; WO 9959676 A1 19991125

DOCDB simple family (application)  
**US 70089401 A 20010222**; AT 99920686 T 19990416; CA 2337631 A 19990416; DE 19822412 A 19980519; DE 59914367 T 19990416; EP 9902573 W 19990416; EP 99920686 A 19990416