

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 A1 20010228 (DE)

Application
EP 99920686 A 19990416

Priority
• DE 19822412 A 19980519
• EP 9902573 W 19990416

Abstract (en)
[origin: DE19822412A1] Mobile components (21) are connected to compressed air breathers (22) to assess and transfer data via a cordless connection to a base station (20). The base station processes data received from sensors in the breathers and the respiratory equipment carrier. Optical, acoustic or functional signals are triggered independently. Pressure, movement and temperature sensors relay data to the mobile components about compressed air breather pressure, respiratory equipment carrier movement and environmental temperature. The data collected is stored and then transferred later to a computer via an interface.

IPC 1-7
A62B 9/00

IPC 8 full level
A62B 9/00 (2006.01)

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

Citation (third parties)
Third party :
• WO 9303465 A1 19930218 - NORTH SOUTH CORP [US]
• RADIO EQUIPMENT GROUP: "REQUIREMENT NO MG-41 - A CARDINAL POINTS REQUIREMENT FOR A RADIO TELEMETRY SYSTEM FOR USE BY THE FIRE SERVICE", vol. 1, 12 January 1994, BRITISH HOME OFFICE, pages: 1 - 50, XP002907600

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