

Title (en)

MANUALLY OR REMOTELY CONTROLLED, TELESCOPIC, FIRE-FIGHTING ROBOT, AUTOMATICALLY CONNECTED TO THE WATER PIPE SYSTEM AND HUNG ON A MONORAIL IN TUNNELS

Title (de)

HAND- ODER FERNGESTEUERTER, TELESKOPISCHER, AUTOMATISCH AN EIN WASSERLEITUNGSSYSTEM ANGESCHLOSSENER UND IN TUNNELN AN EINER SCHIENE HÄNGENDER FEUERLÖSCHROBOTER

Title (fr)

ROBOT D'INCENDIE TELESCOPIQUE COMMANDE MANUELLEMENT OU A DISTANCE, RACCORDE AUTOMATIQUEMENT AUX CANALISATIONS D'EAU, ET SUSPENDU A UN MONORAIL DANS UN TUNNEL

Publication

EP 1169092 B1 20060920 (EN)

Application

EP 00925572 A 20000407

Priority

- IT 0000125 W 20000407
- IT NA990016 A 19990412

Abstract (en)

[origin: WO0061236A1] The fire-fighting robot of the present patent application serves to the extinction of fire in tunnels. It is overhung (Figs. 1 and 2) from a carriage running on a monorail secured to the tunnel vault. An oleodynamic, telescopic piston allows the carriage to be lowered up to the road surface. Such a feature permits the robot to overcome any obstacle, to rescue people and transport wounded men without the hindrance of the traffic and to fight the fire also from below. In order to have a continuous fire extinction the robot is connected to the antifire piping installed above the monorail by a flexible pipe with a length of 30 metres through an automatic arm. A device under the cabin changes, upon opening, into two stretchers for transporting people and wounded men and is provided with oxygen masks. The cabin is fire-resisting and cooled.

IPC 8 full level

A62C 3/02 (2006.01); **A62C 27/00** (2006.01)

CPC (source: EP)

A62C 3/0221 (2013.01); **A62C 3/0292** (2013.01); **A62C 27/00** (2013.01)

Cited by

CN112627881A; WO2018236292A1

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)

WO 0061236 A1 20001019; AT E339994 T1 20061015; AU 4429200 A 20001114; DE 60030846 D1 20061102; DE 60030846 T2 20070419; EP 1169092 A1 20020109; EP 1169092 B1 20060920; ES 2272276 T3 20070501; IT 1312126 B1 20020409; IT NA990016 A1 20001012

DOCDB simple family (application)

IT 0000125 W 20000407; AT 00925572 T 20000407; AU 4429200 A 20000407; DE 60030846 T 20000407; EP 00925572 A 20000407; ES 00925572 T 20000407; IT NA990016 A 19990412