

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  
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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 lenght 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 1-7  
**A62C 3/02**; **A62C 27/00**

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)

Citation (search report)  
See references of WO 0061236A1

Cited by  
CN112627881A; WO2018236292A1

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