

Title (en)

Fire detection and automatic and/or manual fire extinguishing system for automotive units.

Title (de)

Brandwahrnehmung und automatisches und/oder handbetätigtes Feuerlöschsystem für Kraftfahrzeugeinheiten.

Title (fr)

Détection d'incendie et système d'extinction d'incendie automatique et/ou manuel pour des ensembles automoteurs.

Publication

EP 0487445 A1 19920527 (EN)

Application

EP 91600010 A 19911007

Priority

GR 90100756 A 19901016

Abstract (en)

A system which is designed to be installed in every kind of automotive unit -- and also, with some modifications, in immovable areas -- in order to cover it by fire detection and fire extinguishing in any case of fire outbreak. The system as a whole consists of two or more subsystems which can operate even independently from one another. The system can be put into operation: a. Fully automatically by means of sensors-detectors (D1,D2...) or, in case of a collision, by means of a special adjustable inertia switch (S2). b. Semi-automatically, by pressing a button (S1,B2). c. Via remote control (RC2). d. Fully manually (SM,SV1,SV2). When the whole system or one of its subsystems is put into operation, the following actions are executed simultaneously: a. Electric power supply to all electrical loads is disconnected. b. Fuel supply to the engine is shut off (SV3,SV4). c. The areas covered by the system are sprayed with fire extinguishing liquid. d. Visual (L1,2) and acoustic (BZ1,2) signals are produced, indicating the system operation. <IMAGE>

IPC 1-7

A62C 3/07

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] GB 752560 A 19560711 - SPECIALTIES DEV CORP
- [A] EP 0036071 A1 19810923 - CATERPILLAR TRACTOR CO [US]
- [A] US 2338440 A 19440104 - WILHELM KOCHMANN

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WO2007014628A1; FR2808696A1; BE1018089A3; GB2412864A; ES2114776A1; EP0675013A1; US5515691A; DE4411281B4; WO2005097264A1

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