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Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: FIREFIGHTING METHOD BASED ON TUMID PERLITE

(57) Abstract: In a fire extinguishing method (multiple outbreaks of fire) based on the expanded perlite, which in cooperation with fire extinguishing vehicles, helicopters, airplanes, fire brigades, decreases to 1/10 the extinguishing time. During earthly intervention and putting out the fire, the raw material of expanded perlite is fed to the fire extinguishers through stationary or self-propelled containers-pots and special water-mixing components (a watery mixture of perlite), which is fired at the fireplaces. During airborne intervention and putting out the fire, the raw material of expanded perlite is fed to aerial fire extinguishers through containers-pots (specially constructed hatch with an impeller driven with the force of air generated by the movement of the aerial means of transport). Channelling the liquid mixture of expanded perlite to the multiple outbreaks of fire, it will inactivate the fire and at the same time, when it sits down to the damaged flora, it helps to quickly restore it.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A62D1/00
ADD.
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
A62D A62C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 626 787 A (PORTER RONALD A [CA]) 6 May 1997 (1997-05-06) abstract claims 1-2 column 1, line 64 - column 2, line 4 column 2, lines 46-61 column 3, lines 9-12,35-52 -----	1-3
X	GB 1 205 136 A (ATOMIC ENERGY AUTHORITY UK [GB]) 16 September 1970 (1970-09-16) claim 1 page 1, lines 11-16,69-76 ----- -/--	1-3

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search 8 February 2018	Date of mailing of the international search report 15/02/2018
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	page 1, lines 48-53; claim 1 page 2, lines 78-87,122-128 page 3, lines 34-64 example 1	5
Y	----- US 5 154 235 A (RENAKER JR JOHN J [US] ET AL) 13 October 1992 (1992-10-13) figure 1 -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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