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(54) Title: FLUID DISPENSING LADDER

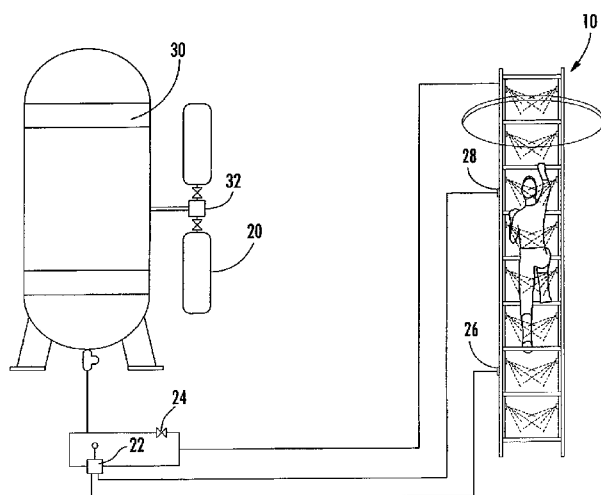


FIG. 1

(57) Abstract: Disclosed is a safety ladder for protect-
ing a lineman or firefighter from a flash fire. The lad-
der has the appearance of a conventional ladder but
includes interlocking plates positioned in between the
rungs along the rails. Attached to the plates are fluid
conduits that allow for the dispensing of a hydrated
super absorbent polymer having superior fire suppres-
sion to be sprayed over an individual using the ladder
should a fire erupt. The mounting plates have spray
nozzles attached to the conduit located along the rails
of the ladder so as to not infer with normal use of the
ladder. A pressurized container of hydrated super ab-
sorbent polymer is coupled to the ladder. The hydrated
super absorbent polymer is discharged through a
solenoid valve which can be operated by the individ-
ual using the ladder with a button attached to the ladder
or activated by a heat sensor attached to the ladder.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
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.
Y	US 4 007 793 A (HUX FRED M ET AL) 15 February 1977 (1977-02-15) column 2, line 6 - line 41; figures -----	1-23
Y	US 5 849 210 A (PASCENTE JOSEPH E [US] ET AL) 15 December 1998 (1998-12-15) cited in the application column 1, line 46 - column 2, line 33 -----	1-23
A	US 24728 A (FITZGERALD, DANIEL) 12 July 1859 (1859-07-12) the whole document -----	1-23



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4007793	A	15-02-1977	NONE	
US 5849210	A	15-12-1998	NONE	
US 24728	A	12-07-1859	NONE	