Abstract: A rescue line apparatus is configured as a horizontal tether for being readily connected between a door and a portion of the door jamb or other entry location and extending a line as the user moves within the structure. The device allows the user to readily locate their way back for egressing the structure, and can be readily disengaged by the user, which activates a braking system that prevents unit "run away". A multi-attach anchor head couples the far end of the line to any desired structure, and has a beacon assembly which outputs a light pattern of sufficient brightness to be seen by the user when visually locating their attachment point within the structure. A multi-element visual indicator is configured for indicating line extension distance, and displaying tether line status. Many options promote safety and a fully cooperative environment.
INTERNATIONAL SEARCH REPORT

International application No. PCT/US2010/028544

A. CLASSIFICATION OF SUBJECT MATTER

A62B 35/00(2006.01)i, A62B 99/00(2009.01)i

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)
A62B 35/00; A45C 11/00; A62B 37/00; A62B 1/10

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)
eKOMPASS(KIPO internal) & Keywords: fire, tracer, line, retract, reel, housing, attach, light and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>A</td>
<td>US 5042613 A (HERMANN, R.W.) 27 August 1991 See the whole document.</td>
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<td>A</td>
<td>US 4877110 A (WOLNER, J.T.) 31 October 1989 See the whole document.</td>
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<td>A</td>
<td>US 4161266 A (HOWARTH, Jr. W.F.) 17 July 1979 See the whole document.</td>
<td>1-20</td>
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</table>

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
  "E" earlier application or patent but published on or after the international filing date
  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
28 OCTOBER 2010 (28.10.2010)

Date of mailing of the international search report
28 OCTOBER 2010 (28.10.2010)

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Facsimile No. 82-42-472-7140

Authorized officer
Kim, Hye Won
Telephone No. 82-42-481-5456

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<td>US 5042613 A</td>
<td>27.08.1991</td>
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