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(54) Title: SAFETY HARNESS WITH RESILIENT ENERGY ABSORBING ELEMENT

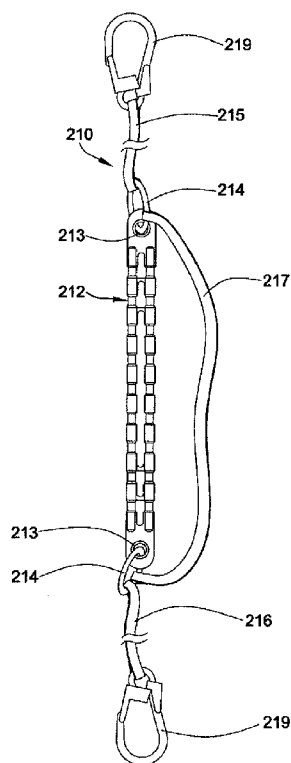


FIG. 1

(57) Abstract: A safety harness (21) connectable between a user and a fixed object comprising an energy absorbing element (212), and straps that connect between the energy absorbing element, the user and a fixed base. The energy absorbing element comprises a molded polymeric block having tensile strength and elongation properties to absorb energy. It is a block of polymeric material designed to take advantage of a proprietary process that orients the crystalline structure of the device which increases tensile strength and add elasticity required to absorb fall energy. In one form a slack portion (217) limits elongation of the energy absorbing element (212).





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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)  
 A62B F16F

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

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2007/011336 A1 (YKK CORP AMERICA [US]; TANAKA HAJIME [US]; RUSSELL TIM [US]) 25 January 2007 (2007-01-25) abstract	1,15,19
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A,P	paragraphs [0029], [0030] figures 1,2,3,6	2,15
A	GB 2 111 012 A (SECR DEFENCE) 29 June 1983 (1983-06-29) page 1, line 87 - line 107 figures	1,15
A	WO 02/063180 A1 (MAMMUT TEC AG [CH]; HESS RUEDI [CH]; MEIER RETO [CH]; MEYER URS [CH]) 15 August 2002 (2002-08-15) abstract	1,19



Further documents are listed in the continuation of Box C.



See patent family annex.

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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
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