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**Declarations under Rule 4.17:**

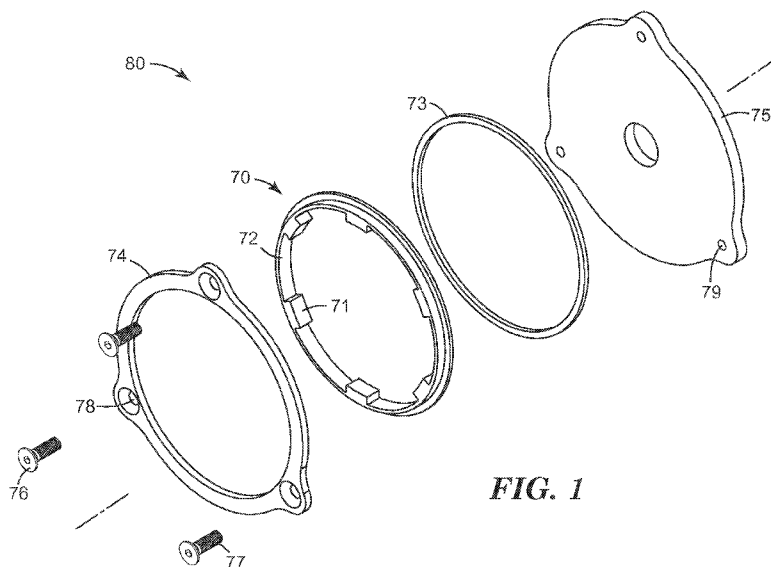
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) **Title:** PREASSEMBLED AND PRETORQUED FRICTION BRAKE AND METHOD OF MAKING A SAFETY DEVICE CONTAINING SUCH A FRICTION BRAKE



**FIG. 1**

(57) **Abstract:** Herein is disclosed a preassembled and pretorqued friction brake comprising at least a pressure plate, a ratchet ring, a friction ring, and a backing plate. Further disclosed is a centrifugally-operated safety device comprising the preassembled and pretorqued friction brake, and methods of making.

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**A. CLASSIFICATION OF SUBJECT MATTER***A62B 1/08(2006.01)i, A62B 35/00(2006.01)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 1/08; B66D 5/04; A62B 1/10; B65H 75/48; B65H 59/00; B44D 3/38

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) &amp; Keywords: drum, ratchet, spring, housing, lifeline, safety, rotation, biasing, bolt and similar tems

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2009-0178887 A1 (REEVES, E. W. & SMITH, W. H.) 16 July 2009 See the paragraphs 33,35,37-42, figures 1,2,6,7 and whole claims.	1,2,4-6,11-20,21
A	US 05509616 A (MILLEN, JR. L. E. & WEAVER, J. H.) 23 April 1996 See the whole document.	1-22
A	US 05127631 A (FLAIG, H.) 07 July 1992 See the whole document.	1-22
A	US 2009-0084631 A1 (CASEBOLT, S. C.) 02 April 2009 See the whole document.	1-22

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2009-0178887 A1	16.07.2009	WO 2008-008225 A2	17.01.2008
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