



US008453412B2

(12) **United States Patent**  
**Toedte**

(10) **Patent No.:** **US 8,453,412 B2**  
(45) **Date of Patent:** **Jun. 4, 2013**

(54) **SPRING BOLT HANGER**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **13/462,611**

(22) Filed: **May 2, 2012**

(65) **Prior Publication Data**

US 2013/0047546 A1 Feb. 28, 2013

**Related U.S. Application Data**

(60) Provisional application No. 61/527,752, filed on Aug. 26, 2011.

(51) **Int. Cl.**  
**E04B 1/38** (2006.01)

(52) **U.S. Cl.**  
USPC ..... **52/699; 52/166**

(58) **Field of Classification Search**  
USPC ..... 52/699, 166, 701, 705; 411/107  
See application file for complete search history.

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(57) **ABSTRACT**

A spring bolt hanger comprising a barrel, a bolt positioned within the barrel, a retainer associated with the bolt, and a spring positioned in the barrel between the retainer and a first end of the barrel, said spring configured to bias the bolt away from the first end of the barrel. The spring bolt hanger has two distinct operative configurations. In the retracted configuration the spring bolt hanger has the bolt retracted into the barrel. In the extended configuration the bolt is extended from the barrel and is accessible outside of the concrete surface for use as an attachment point. The spring bolt hanger may be selectively moved between operative configurations. Also disclosed are methods of using a spring bolt hanger to attach an object to a concrete surface.

**18 Claims, 14 Drawing Sheets**

