



US009410301B2

(12) **United States Patent**  
**Bourgeois**

(10) **Patent No.:** **US 9,410,301 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **PATCH SYSTEM AND METHOD FOR OIL BOOM**

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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 21 days.

(21) Appl. No.: **14/564,757**

(22) Filed: **Dec. 9, 2014**

(65) **Prior Publication Data**  
US 2016/0160464 A1 Jun. 9, 2016

(51) **Int. Cl.**  
**E02B 15/08** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **E02B 15/085** (2013.01)

(58) **Field of Classification Search**  
USPC ..... 405/66, 70  
See application file for complete search history.

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(57) **ABSTRACT**

An apparatus, system, and method for repairing or reinforcing a damaged oil containment boom. The apparatus includes two end connectors and a curtain attached between the two end connectors. The end connectors are attached to a damaged, existing boom via a vertically extending slot formed in each of the end connectors. After attachment, a tight seal is formed between the curtain and the damaged boom. The method for reinforcing a boom includes engaging the two end connectors to an existing boom while stretching the curtain over the damaged boom section in an overlapping relationship. Finally, the connectors are locked into place via a lock-pin mechanism. This invention creates a tight seal over the damaged area, creating a "patch" to keep out oil contaminants from the protected area. The disclosed invention can be used to repair, patch, or reinforce an existing oil containment boom.

**23 Claims, 6 Drawing Sheets**

