



US009410387B1

(12) **United States Patent**
Gao

(10) **Patent No.:** **US 9,410,387 B1**
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **AUTOMATIC ROCK DEBRIS CATCHING AND WASHING APPARATUS**

(58) **Field of Classification Search**
CPC E21B 21/066; B08B 1/002; B08B 1/04
USPC 209/12.1, 17, 18, 270, 288
See application file for complete search history.

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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.: **14/747,151**

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(22) Filed: **Jun. 23, 2015**

(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

Mar. 23, 2015 (CN) 2015 1 0127371

The present invention provides an automatic rock debris catching and washing apparatus comprising an acquisition device, a filtration device, a collection device and a controlling device. The automatic rock debris catching and washing apparatus has a fully automatic operation, and during use, it is not necessary to real-time monitor the working condition of the catching and washing apparatus by manpower, and collecting regularly the rock debris gathered within the sand storing cylinders is enough. It is highly adaptable to harsh environment due to using the mechanized processing, and the interval, rate and so on of collecting the rock debris can be set with high accuracy, making the analysis on the geological conditions more accurate.

(51) **Int. Cl.**
B07B 9/00 (2006.01)
E21B 21/06 (2006.01)
B08B 1/00 (2006.01)
B08B 1/04 (2006.01)
B08B 3/04 (2006.01)

(52) **U.S. Cl.**
CPC **E21B 21/066** (2013.01); **B08B 1/002** (2013.01); **B08B 1/04** (2013.01); **B08B 3/04** (2013.01)

10 Claims, 2 Drawing Sheets

