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(54) GRENADE POUCH LID

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See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

5,752,687 A *	5/1998	Lynch B62J 11/00
		215/390
5,944,238 A *	8/1999	Stark A45F 5/02
		220/287

(10) Patent No.: US 9,528,807 B1 (45) Date of Patent: Dec. 27, 2016

6,206,223	B1*	3/2001	Wicker B65D 81/3879
			220/375
6,991,829	B2 *	1/2006	Bergman B44D 3/12
7.660.740	D2 #	2/2010	220/754
7,669,742	B2 *	3/2010	Rush A45F 5/00
8,172,101	B2*	5/2012	102/336 Giusti B01L 3/50825
8,172,101	DZ	3/2012	215/235
8,523,030	B1*	9/2013	Molcho F41C 33/0281
			224/191
8,820,572	B2*	9/2014	Miller B65D 25/20
			206/217
9,085,379	B2 *	7/2015	Cummins B65B 3/06

* cited by examiner

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(57) ABSTRACT

A grenade pouch lid has a rim engagement feature, and the rim engagement feature is operable to secure the planar body to an object having a disc-shaped rim when the rim engagement feature is urged against the rim. The rim engagement feature may include at least two spaced apart elements defining a space therebetween for receiving the rim. The planar body may include a slot, the slot being operable to receive one end of a strap. The planar body may include a wedge shaped portion, the wedge-shaped portion being opposed to the rim engagement feature. The rim engagement feature and the rim may have the same radius. The planar body may cover the center of the rim when the planar body is secured to the object. The object having a disc-shaped rim may be a 40 mm grenade. A grenade pouch is also disclosed.

30 Claims, 13 Drawing Sheets



