



US010301079B2

(12) **United States Patent**  
**Saraf**

(10) **Patent No.:** **US 10,301,079 B2**

(45) **Date of Patent:** **May 28, 2019**

(54) **HYBRID PLUG AND METHOD OF SEALING A DRUM**

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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 178 days.

(21) Appl. No.: **15/508,783**

(22) PCT Filed: **Mar. 27, 2015**

(86) PCT No.: **PCT/IN2015/000150**

§ 371 (c)(1),

(2) Date: **Mar. 3, 2017**

(87) PCT Pub. No.: **WO2016/035092**

PCT Pub. Date: **Mar. 10, 2016**

(65) **Prior Publication Data**

US 2017/0247150 A1 Aug. 31, 2017

(30) **Foreign Application Priority Data**

Sep. 3, 2014 (IN) ..... 2812MUM/2014

(51) **Int. Cl.**

**B65D 39/08** (2006.01)

**B65D 41/32** (2006.01)

(Continued)

(52) **U.S. Cl.**

CPC ..... **B65D 41/325** (2013.01); **B65D 39/08** (2013.01); **B65D 43/0281** (2013.01);

(Continued)

(58) **Field of Classification Search**

CPC .. **B65D 39/08; B65D 39/084; B65D 55/0845; B65D 51/18; B65D 43/0281**

(Continued)

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(57) **ABSTRACT**

The hybrid plug is a single component replacement for three components, the paint plug, conventional plug and capseal in a drum closure. It is formed from a single sheet of metal and has a plug portion and a capseal portion which vary in thickness. The plug portion has a collar and an externally threaded wall with a plug gasket disposed on a plug gasket seat. The capseal portion is provided with ears and scoring to enable separation from the plug portion and with a lining on the inner wall of the capseal portion to safeguard against plug gasket failure. The capseal portion may be recessed at intervals to form dimples which hold the hybrid plug in place in an automated insertion process. The hybrid plug provides a passage for air and gases during paint curing and leak testing without necessitating removal.

**11 Claims, 6 Drawing Sheets**

