

Title (en)  
MIXING AND DISCHARGING DEVICE HAVING A THREADED SPINDLE

Title (de)  
MISCH- UND AUSTRAGVORRICHTUNG MIT GEWINDESPINDEL

Title (fr)  
DISPOSITIF DE MÉLANGE ET D'EXTRACTION AVEC UNE BROCHE FILETÉE

Publication  
**EP 3010434 A1 20160427 (DE)**

Application  
**EP 14726382 A 20140527**

Priority  
• CH 11382013 A 20130618  
• EP 2014060942 W 20140527

Abstract (en)  
[origin: WO2014202350A1] A mixing and discharging device (1) has a syringe-like container (10), in which a plunger can be moved. A press-out spindle (30) having an external thread (31) interacts with a counterpart (40) by means of a thread engagement. The counterpart comprises one or more thread segments, which can be deflected outward in order to release the thread engagement. A securing element (5) can be slid onto the counterpart (40) in a distal direction in order to prevent a release of the thread engagement. A mixing rod (61) extends through the plunger (20). An operating element (70) is connected to the proximal end of the mixing rod by means of a releasable form closure or force closure. A locking element (80) can be moved between a locking position and a release position. In the locking position, the locking element prevents a release of the form closure or force closure. Insulating ribs (13) minimise the input of heat into the interior of the container due to touching.

IPC 8 full level  
**A61B 17/88** (2006.01); **B01F 13/00** (2006.01); **B01F 15/02** (2006.01); **B05C 17/005** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 2014202350A1

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