

Title (en)  
Gun for urethane foam and the like

Title (de)  
Pistole für Urethanschäume oder dergleichen

Title (fr)  
Pistolet pour mousse d'uréthane ou produit similaire

Publication  
**EP 1046427 B1 20030402 (EN)**

Application  
**EP 99108050 A 19990423**

Priority  
EP 99108050 A 19990423

Abstract (en)  
[origin: EP1046427A1] A gun for dispensing plastic foam material, such as urethane foam, in applying the foam in mounting panels or other components. The gun includes a removable and replaceable assembly including the nozzle (12) and further components thereby avoiding the problem of clogged nozzles and other components. Further the gun includes a manually operable indexing system for positioning a container (60) in any of three orientations relative to the gun body (36) (Fig. 2). <IMAGE>  
[origin: EP1046427A1] A foam dispensing gun (10) has a removable assembly; a securement fixture; a rotor (30) having a container (60) mount extending outwardly of the body and handle structure; and a trigger device (38). The removable assembly includes a nozzle (12) with an outlet opening (20), a valve rod (16) with a cap (14), and a spring (22) disposed about and retained on the valve rod. A foam dispensing gun for dispensing foam plastic comprises a body (36) and handle structure (42); a removable assembly; a securement fixture for securing the assembly to the body and handle structure; a rotor having a container mounted extending outwardly of the body and handle structure through a slot; and a trigger device. The removable assembly includes a nozzle with an outlet opening, a valve rod with a cap, and a spring disposed about and retained on the valve rod. The rotor has an upper portion to engage the rotor to move against the valve rod cap and to move this cap from the outlet opening to dispense foam plastic.

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**B05B 9/08**

IPC 8 full level  
**B05B 9/08** (2006.01); **B05B 12/00** (2018.01)

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Cited by  
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