

Mechanically Pressurized Dispenser

Abstract

Mechanically pressurized dispensing systems are disclosed that are manually charged by the user and that dispense substances from a pressurized dispenser as an aerosol. The dispensing system (10) comprises in various embodiments mechanical pressurization assemblies, and particularly an actuator assembly (20) and a collar cap assembly (40). Preferred embodiments incorporate a spindle (46) and a piston (44) to mechanically charge the dispensing system when an actuator housing (22) of the actuator assembly is manually rotated. Other dispenser systems are disclosed providing a threaded piston utilized in the mechanical charging of the dispensing system.

FIG. 6