

Abstract

Multicomponent cartridge for single use

5

A multicomponent cartridge (1) which is designed for single use includes a first storage chamber (6) for a first component (8) and a second storage chamber (7) for a second component (9), with the first storage chamber (6) being separate from the second storage chamber (7). The first storage chamber (6) is arranged coaxially around the second storage chamber (7) and forms a ring space (10), with a first piston (3) being movably received in the first storage chamber (6) and a second piston (4) being movably received in the second storage chamber (7). The first and second pistons (3, 4) are movable by means of a plunger (5) to dispense the two components (8, 9) simultaneously. The plunger (5) is held in a housing element (17) and a guide element (11) is provided to guide the first piston (3) in the first storage chamber (6) and to guide the second piston (4) in the second storage chamber (7), with the housing element (17) including an engagement element (18) which can be brought into engagement with the guide element (11).

Figure 1