

Title (en)  
Apparatus for dispensing fluid compositions.

Title (de)  
Vorrichtung zur Abgabe von flüssigen Mischungen.

Title (fr)  
Dispositif pour la distribution des mélanges fluides.

Publication  
**EP 0105181 A2 19840411 (EN)**

Application  
**EP 83108415 A 19830826**

Priority  
US 41588482 A 19820907

Abstract (en)  
Apparatus for dispensing of at least two different fluid compositions, said apparatus comprising: a cartridge (37) having therein plural separate chambers (4, 6) for containing separate fluid compositions to be dispensed; a neck portion (8) provided at a discharging first end of said cartridge; plural separate passageways (10, 12) extending through said neck portion, each said passageway opening into a separate respective said chamber, the arrangement being such that the simultaneous application of pressure to the fluid compositions in each said separate chamber causes, in cooperation with a back pressure from the restriction of said passageways, compression of the fluid compositions, and thus causes the fluid compositions to be extruded in a predetermined ratio through the respective said passageways; and means for controlling the flow of the fluid compositions through the respective said passageways, for preventing run-on of the fluid compositions through said respective passageways due to decompression of the fluid compositions upon removal of the pressure, and thereby for preventing dispensing of the fluid compositions through said respective passageways in a ratio other than said predetermined ratio, said controlling means comprising a valve member (18) having therethrough plural passage portions (22, 24) said valve member being mounted within said neck portion for movement with respect thereto between an open first position, whereat said passage portions are aligned with respective said passageways, thereby permitting extrusion of the fluid compositions through said passageways in said predetermined ratio, and a closed second position, whereat said flow portions are out of alignment with said respective passageways and said passageways are blocked by said valve member, thereby preventing any passage of the fluid compositions through said passageways.

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**B65D 81/32**; **B05C 17/00**

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