

Title (en)  
DEVICE FOR METERING AND MIXING SYSTEMS OF MULTIPLE FLUID COMPONENTS

Publication  
**EP 0301016 B1 19910327 (DE)**

Application  
**EP 87902376 A 19870404**

Priority  
DE 3611728 A 19860408

Abstract (en)  
[origin: DE3611728C1] A device for metering and mixing systems of multiple fluid components comprises as displacing elements bellows (3, 4; 47, 48, 49, 50) arranged each in a cylindrical chamber (1, 2; 43, 44, 45, 46) for each component. They are coupled with each other so as to work in a synchronized way and subdivide each cylindrical chamber (1, 2; 43, 44, 45, 46) into a component room (6, 7; 51, 52, 53, 54) and into a pressure room (8, 9; 55, 56, 57, 58), whereas the pressure in the pressure rooms (8, 9; 5, 56, 57, 58) is always almost the same as in the component rooms (6, 7; 51, 52, 53, 54). The component rooms (6, 7; 51, 52, 53, 54) are linked each by a stop valve (38, 39; 70, 71, 72, 73) to a mixing chamber (14) and by another stop valve (10, 11; 66, 67, 68, 69) to a storage container (12, 13).

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