

Title (en)

Cartridge for injecting a mixture of two liquid components.

Title (de)

Kartusche zur Injektion der Mischung von zwei Flüssigkeitskomponenten.

Title (fr)

Cartouche pour injecter le mélange de deux constituants liquides.

Publication

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Application

EP 88401979 A 19880729

Priority

FR 8710932 A 19870731

Abstract (en)

The cartridge for injecting a mixture of two liquid components comprises a reservoir (1) having a compartment (2) for one of the components and a compartment (3) for the other component. The reservoir (1) comprises two concentric cylindrical compartments (2, 3) which respectively contain the two components. A piston (6, 7) is mounted slidably in each of the two compartments (2, 3), means are provided for causing the two pistons (6, 7) to slide simultaneously. Each of the compartments (2, 3) emerges into a common mixing chamber (4) which comprises partitions (8, 9) defining a winding path for the mixture of the two components between the two compartments (2, 3) and the outlet opening (5) from the mixing chamber (4). <??>Use especially for injecting a semi-pasty sealing substance into a hollow body. <IMAGE>

Abstract (fr)

La cartouche pour injecter le mélange de deux constituants liquides comprend un réservoir (1) qui comporte un compartiment (2) pour l'un des constituants et un compartiment (3) pour l'autre constituant. Le réservoir (1) comprend deux compartiments (2, 3) concentriques cylindriques contenant respectivement l'un et l'autre constituant. Un piston (6, 7) est monté de façon coulissante dans chacun des deux compartiments (2, 3), des moyens sont prévus pour faire coulisser simultanément les deux pistons (6, 7). Chacun des compartiments (2, 3) débouche dans une chambre de mélange commune (4) qui comprend des cloisons (8, 9) définissant un trajet sinueux du mélange des deux constituants entre les deux compartiments (2, 3) et l'ouverture de sortie (5) de la chambre de mélange (4). Utilisation notamment pour injecter une matière semi-pâteuse d'étanchéité dans un corps creux.

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IPC 8 full level

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