Title (en)
DISPENSING DEVICE FOR VISCOUS MATTER

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Application
EP 88401847 A 19880715

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- FR 8808224 A 19880620

Abstract (en)
[origin: JPS6437384A] PURPOSE: To completely discharge and easily supply and store a viscous substance by forming a container with a flexible material and providing pressure means for pressurizing the viscous substance-containing container and dispensing the viscous substance based on a command to open or close a dispensing head. CONSTITUTION: A container body 1 consists of a container head 3, a container 2 made of a flexible material, and pressure means 20, 23 used to exert permanent pressure on the container 2, which are combined with the container 2 to dispense a viscous substance upon a command for opening the container head 3. An elastic tension of the side wall is applied nonrestrictively to the pressure means 20. Elastic means 23 comprises elastic metal brackets 231, 232. When the container is filled with the viscous substance, pellets 2310 and 2320 draw the elastic metal brackets 231, 232 to an inner wall direction to reduce the pressure. After filling, a valve 33 is opened, and the viscous substance is discharged due to the elasticity of the flexible container 2 and the functions of the elastic brackets 231, 232.

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Cited by
EP0388270A1; FR2707263A1; KR20160002635A; FR2644140A2; FR2707264A1; FR2997938A1; US5409142A; CN1062826C; EP0554099A1; US5060700A; US10926942B2; WO2014111939A3; US9758641B2; US10519297B2; US10239682B2; US10729795B2; US10934076B2; US9764342B2; US10335812B2; US10744523B2; US10913836B2; US9409698B2; US10683159B2

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