

Title (en)  
DISPENSER FOR VISCOUS MATERIALS

Publication  
**EP 0221362 B1 19920102 (DE)**

Application  
**EP 86113693 A 19861003**

Priority  
DE 3539368 A 19851106

Abstract (en)  
[origin: EP0221362A2] The dispenser for viscous materials, in particular toothpaste, has a piston (13), which is arranged displaceably in a dispenser housing (10), moves in the direction of a discharge valve (12) during dispensing and is blocked in the opposite direction by a barrier (clamping module 11), and a pushbutton actuation surface (14) which is provided on a head piece (15) of the dispenser housing (10), which head piece can be compressed in the manner of a bellows, the discharge valve (12) arranged on the head piece (15) opening under the pressure arising in the dispenser housing (10) due to the compression of the bellows-type head piece (15). For easier production and handling of the dispenser and for the purpose of a defined discharge of viscous material, the discharge valve (12) has a closure flap (16) which is linked (link 23) as an integral component of the head piece (15) on only one side of the discharge opening (17) in such a way that it releases the discharge opening (17) in the event of pressure in the dispenser housing, but otherwise closes said discharge opening. <IMAGE>

IPC 1-7  
**B65D 47/34**; **B65D 83/00**

IPC 8 full level  
**B65D 47/34** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP)  
**B65D 83/0033** (2013.01)

Cited by  
US4846372A; US5346324A; EP0309367A1; FR2621014A1; US4962870A; WO2005032969A1

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