

Title (en)

A PUMP MADE OF PLASTIC FOR DISPENSING PRODUCTS FROM CONTAINERS

Title (de)

PUMPE AUS KUNSTSTOFF ZUM SPENDEN VON PRODUKTEN AUS BEHÄLTERN

Title (fr)

POMPE EN PLASTIQUE POUR DISTRIBUER DES PRODUITS A PARTIR DE RECIPIENTS

Publication

**EP 0758927 A1 19970226 (EN)**

Application

**EP 95917459 A 19960311**

Priority

- IB 9600391 W 19960311
- IT VI950037 A 19950310

Abstract (en)

[origin: WO9628257A1] An all plastic pump for liquids (1; 300) to be applied to a container, comprises a cylindrical chamber (13; 330) communicating with said container through a feeding hole (14; 240); at least one piston (12; 320) axially sliding within said cylindrical chamber (13; 330); retaining valvular means; at least one elastic bellows (40; 500; 800) and having its lateral surface (50; 600) in the shape of a spiral (80; 510) and incorporates a spring (63) made of plastic realized in a single piece with the bellows itself, the turns of which are arranged in correspondence with the contraction areas of the spiral (80; 510), suited to realize a protruding stiffening rib in respect of the external surface of the spiral.

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