

Title (en)

CLOSURE FOR CREATING A VACUUM CONTAINER

Title (de)

VERSCHLUSS ZUR SCHAFFUNG EINES VAKUUMGEEIGNETEN BEHÄLTERS

Title (fr)

FERMETURE PERMETTANT DE FAIRE LE VIDE DANS UN RECIPIENT

Publication

EP 1218260 A1 20020703 (EN)

Application

EP 00962696 A 20000921

Priority

- GB 0003612 W 20000921
- GB 9922375 A 19990922

Abstract (en)

[origin: GB2354513A] A cap device 10 comprises an attachment member 12 for detachably securing to the opening of a container, e.g. by a screw fitting, and an engagement member 14 which is reciprocally mounted with respect to the attachment member 12 such that a sliding action of one member relative to the other allows partial evacuation of a container (16) by removal of fluid, via a valve 22. The engagement member 14 may be shaped to fit over the attachment member 12. The members 14 and 12 may define a pump chamber between them which varies in volume according to their relative positions. The valve 22 may allow one-way flow of fluid, and there may be a further one-way valve to allow air to be released from the pump chamber, which may be provided by a seal 24. There may be a plurality of recesses 40 to allow fluid flow between members 12 and 14 and there may be lugs 18 on one member which engage with slots 20 on the other member to allow non-rotatable sliding motion between them. There may be 3 such lugs 18. The cap device 10 may be re-usable.

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IPC 8 full level

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