

Title (en)

PISTON FOR A PACKAGING CONTAINER, PACKAGING CONTAINER AND METHOD OF MAKING THEREOF

Title (de)

KOLBEN FÜR EINEN VERPACKUNGSBEHÄLTER, VERPACKUNGSBEHÄLTER UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

PISTON POUR UN RÉCIPIENT D'EMBALLAGE, RÉCIPIENT D'EMBALLAGE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 4410706 A1 20240807 (EN)

Application

EP 23155053 A 20230206

Priority

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Abstract (en)

The present invention is directed to a piston for sliding along the longitudinal axis within and in contact with an internal wall of a pressurized packaging container, the piston comprising a cylindrical middle portion, a base portion at the first end of a middle portion, the base portion and the middle portion being in fluid connection with each other, a top portion at the second end of the middle portion, the top portion and the middle portion being in fluid connection with each other, wherein the base portion comprises a circumferential base collar and a mechanically enforced area connecting the circumferential collar with the middle portion, the middle portion has a smaller average wall thickness with respect to the mechanically enforced area of the base portion, and the top portion or the middle portion have a circumferential top sealing collar oriented outwards of the piston for separating two chambers within a packaging container.

IPC 8 full level

B65D 83/64 (2006.01)

CPC (source: EP)

B65D 83/64 (2013.01)

Citation (applicant)

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Citation (search report)

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- [Y] US 4078359 A 19780314 - SCHULTZ ROBERT S
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Designated contracting state (EPC)

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