

Title (en)

ALL PLASTIC HAND PUMP WITH A PISTON HAVING AN INTEGRATED CHECK VALVE

Title (de)

KUNSTSTOFF-HANDPUMPE MIT KOLBEN MIT INTEGRIERTEM RÜCKSCHLAGVENTIL

Title (fr)

POMPE À MAIN ENTIÈREMENT EN PLASTIQUE AVEC PISTON ÉQUIPÉ D'UN CLAPET ANTIRETOUR INTÉGRÉ

Publication

EP 4307971 A1 20240124 (EN)

Application

EP 21936258 A 20210716

Priority

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- US 202117377086 A 20210715
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Abstract (en)

[origin: CN217477970U] A manually operated dispensing pump for dispensing fluid from a container is provided that is made entirely of a plastic component. The manual pump includes an actuator, a cover, a housing having a lower check valve, and a piston having an integrated upper check valve suspended in the form of an inverted cone within a cylinder. A resilient dome-shaped plastic return spring is used to return the actuator to its rest position after actuation. And the used pump can be recycled without being disassembled.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022220856A1

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