

Title (en)
COUNTER FOR COUNTING METERED DOSES OF LIQUID, PASTY, OR SOLID PRODUCTS AND DEVICE FOR THE METERED DISPENSING OF SUCH PRODUCTS

Title (de)
ZÄHLWERK ZUM ZÄHLEN DOSIERTER ABGABEN FLÜSSIGER, PASTÖSER ODER FESTER PRODUKTE SOWIE EINRICHTUNG ZUM DOSIERTEN ABGEBEN SOLCHER PRODUKTE

Title (fr)
COMPTEUR SERVANT A COMPTER DES DOSES DE PRODUITS LIQUIDES, PATEUX OU SOLIDES ET DISPOSITIF SERVANT A DISTRIBUER DES DOSES DE TELS PRODUITS

Publication
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Application
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Abstract (en)
[origin: WO03107269A1] Disclosed is a counter comprising at least one counting ring, a switching device, and an actuator which is movable in the direction of the longitudinal axis thereof. Said switching device comprises a guiding element (11) and a switching element (12) which is movable in an axial and azimuthal direction relative to the stationary guiding element. The guiding element is provided with at least one curved surface (26), by means of which at least one projecting part (27) that is disposed on the switching element is directed. A switching cam (28) which is arranged on the switching element meshes with the toothing of the counting ring. The switching device converts the linear movement of the actuator into a rotational movement of the counting ring. The counting ring that is secured by ratchets rotates by one angular increment each time the actuator is actuated. The encapsulated counter is suitable for different storage containers from which a product is dispensed portion by portion and can be configured as a daily quantity counter or as a total quantity counter, for example. The components of the counter are inserted into each other and are held together by means of catch elements.

IPC 8 full level
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