

Title (en)
METERING DEVICE

Title (de)
DOSIERVORRICHTUNG

Title (fr)
DISPOSITIF DE DOSAGE

Publication
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Application
EP 17740679 A 20170706

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Abstract (en)
[origin: WO2018007536A1] The invention relates to a metering device (1) for the metered application of a highly viscous product onto a substrate (2), comprising a housing (3) with an inner side (7) and an outer side (6), a cartridge (10) forming a receiving space (14) for the highly viscous product to be metered, a piston (20) and a spring element (17), wherein at least one engaging element (22) is formed on the inner side (7) of the housing (3) and a row of neighbouring engaging recesses (21) is formed on the piston (20), wherein both the engaging element (22) and the engaging recesses (21) are arranged outside of the receiving space (14), and wherein the engaging element (22) engages into an engaging recess (21) on the piston (20) with an actuation of the metering device (1), and wherein, after an actuation of the metering device (1), a returning movement of the housing (3) into the starting position thereof brings about a transition of the engaging element (22) from the engaging recess (21) into a neighbouring engaging recess (21).

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