

Title (en)
FLUID EJECTION DEVICE WITH ENHANCED LEAKTIGHTNESS

Title (de)
FLUIDAUSSTOSSVORRICHTUNG MIT VERBESSERTER DICHTHEIT

Title (fr)
DISPOSITIF D'EJECTION D'UN FLUIDE A ETANCHEITE RENFORCEE

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Abstract (en)
[origin: WO2009056574A1] The invention relates to a compact fluid ejection device comprising two chambers (A, B) separated by a piston-type separating part (5). One of the chambers (B) contains the fluid which is to be ejected, the other chamber (A) being a pressurization chamber, the pressurization of which enables the separating part (5) to be displaced and the fluid to be ejected. According to the invention, the pressurization chamber (A) comprises a sock (50) suitable for separating leaktightly the inside of the pressurization chamber (A) from the side walls of the reservoir. Leaktightness between the two chambers is thus total and durable but does not reduce the ease of sliding of the piston (5).

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