

Title (en)
FLUID SPRAY DEVICE

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Application
EP 90122821 A 19901129

Priority
DE 3941088 A 19891213

Abstract (en)
[origin: EP0432584A2] The invention relates to a fluid spray device having a metering chamber (8) which is connected by channel to a mouthpiece orifice (37) and into which a partial amount (4') of the fluid (4) can be taken up from a reservoir chamber (11) by means of a piston (9) and having an energy accumulator (K), for example in the form of a compression spring (15), which charges itself up during this process and loads the piston (9) in the emptying direction (arrow z'), the partial amount (4') of the fluid (4) located in the metering chamber (8) forming the counterbearing (W) for the energy accumulator (K) which is discharged in accordance with the activation of the opening of the mouthpiece orifice (37). The object is to optimise the operational reliability with constructionally simple means without negative effects on the high amount of stored energy which can be obtained. This is achieved by means of an energy accumulator discharge inhibitor when the partial amount (4') of the fluid fails to provide the counterbearing (W). <IMAGE>

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B05B 9/08 (2006.01)

CPC (source: EP)
B05B 9/0883 (2013.01)

Citation (search report)
• [A] FR 2141332 A5 19730119 - YOSHINO KOGYOSHO CO LTD
• [A] FR 2181347 A5 19731130 - YOSHINO KOGYOSHO CO LTD [JP]

Cited by
FR2703930A1; FR2695575A1; EP2841352A4; EP3222363A1; WO9612566A1; EP0504402B1

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