

Abstract

In order to develop devices and methods for impulse ejection of medium, a device (10) for impulse ejection of medium is proposed, comprising a medium chamber (1) for holding a medium, said chamber being defined by an ejection tube (2) and a sleeve (13), adjoining
5 the ejection tube (2) at the opposite end from the ejection end thereof, and a propellant chamber (5) for holding a propellant, said propellant chamber surrounding at least partially the medium chamber (1) in the region of the sleeve, wherein the sleeve is designed for movement between a pressure position and an ejection position and seals, in the pressure position, the medium chamber (1) from the propellant chamber (5) at an
10 end plate (6) and wherein the sleeve in the ejection position is spaced apart from the end plate (6) such that there is fluid communication (7) for passage of the propellant from the propellant chamber (5) into the medium chamber (1).

(Fig. 2)