

Title (en)
VARIABLE FLOW POPPET VALVE

Title (de)
TELLERVENTIL MIT VARIABLER STRÖMUNG

Title (fr)
SOUPAPE-CHAMPIGNON À ÉCOULEMENT VARIABLE

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EP 2396577 A2 20111221 (EN)

Application
EP 10716751 A 20100210

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Abstract (en)
[origin: WO2010091851A2] The present invention relates to a poppet valve (105) and a method of regulating fluid flow. A valve body (110) defines a bore (115) and is provided with a valve seat (120). A valve member (125) is provided with a valve stem (130) and a plug (140). A fluid pathway (200) defined between the valve body (110) and the valve member (125). The valve stem (130) can include a first valve stem portion (131) provided with a first diameter (133) and a second valve stem portion (132) provided with a second diameter (134). The fluid pathway (200) comprises a reduced flow orifice (180) defined between the first valve stem portion (131) and the valve body (110) and an enlarged flow orifice (181) defined between the second valve stem portion (132) and the valve body (110).

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