

Title (en)
VALVE SYSTEM

Title (de)
VENTILSYSTEM

Title (fr)
SYSTÈME DE SOUPAPE

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Application
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Abstract (en)
[origin: WO2021072471A1] The invention relates to a valve system (100) having at least two compressed air valves (120) for an object which can be acted upon/inflated by means of compressed air and has at least two air chambers (1110) which are independent of one another, in particular a mattress (1000). At least one compressed air valve (120) can be associated with each air chamber (1110), the at least one compressed air valve (120) being arranged on a first surface (111) of a circuit board (110), and a second surface (112) of the circuit board (110) opposite the first surface (111) is designed as a sealing surface for at least one compressed air inlet (132), a substantially plate-shaped distributing element (130) having a first surface (131) being provided. A connecting element (150) is provided for supplying compressed air to the distributing element (130), which is fluidically connected to the at least one compressed air inlet (132), the at least one compressed air inlet (132) being arranged on the first surface (131) of the distributing element (130), and the at least one compressed air inlet (132) is fluidically connected to the at least one compressed air valve (120) via at least one supply opening in the circuit board (110). At least one outlet bore (113) is provided in the circuit board (110), and the at least one outlet bore (113) connects the at least one compressed air valve (120) in a fluid-tight manner to at least one outlet conduit arranged inside the distributing element (130).

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