

Title (en)
VALVE ARRANGEMENT AND ADSORBER STATION

Title (de)
VENTILANORDNUNG UND ADSORBERSTATION

Title (fr)
ENSEMBLE SOUPAPE ET STATION D'ADSORPTION

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Application
EP 16785092 A 20160920

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Abstract (en)
[origin: WO2017054906A1] The invention relates to a valve arrangement (4, 5), in particular a four-way switch, for an adsorber station (1) of an air separation system (40), comprising a first valve device (17) having a first gas inlet/gas outlet (24), a second valve device (18) having a second gas inlet/gas outlet (30), a first connecting piece (21) which fluidically connects a first housing section (19) of the first valve device (17) to a second housing section (20) of the second valve device (18), wherein the first connecting piece (21) has a third gas inlet/gas outlet (36), and a second connecting piece (22), which fluidically connects the first housing section (19) of the first valve device (17) to the second housing section (20) of the second valve device (18), wherein the second connecting piece (22) has a fourth gas inlet/gas outlet (37), wherein the valve arrangement (4, 5) can be switched optionally into a first switch condition in which the first gas inlet/gas outlet (24) is fluidically connected to the fourth gas inlet/gas outlet (37) and the second gas inlet/gas outlet (30) is simultaneously fluidically connected to the third gas inlet/gas outlet (36), or into a second switch condition in which the first gas inlet/gas outlet (24) is fluidically connected to the third gas inlet/gas outlet (36) and the second gas inlet/gas outlet (30) is simultaneously fluidically connected to the fourth gas inlet/gas outlet (37).

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Citation (search report)
See references of WO 2017054906A1

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