

Title (en)
GAS EXCHANGE VALVE ARRANGEMENT

Title (de)
GASWECHSELVENTILANORDNUNG

Title (fr)
AGENCEMENT DE SOUPAPE D'ÉCHANGE DE GAZ

Publication
EP 2917516 B1 20161207 (EN)

Application
EP 13792409 A 20131014

Priority
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Abstract (en)
[origin: WO2014060645A1] The gas exchange valve arrangement for a piston engine (1) comprises a fluid chamber (52), into which chamber (52) hydraulic fluid can be introduced during cam-controlled opening of a gas exchange valve (3). A control valve (10) is used for restricting outflow from the fluid chamber (52) for delaying or slowing down the closing movement of the gas exchange valve (3). The control valve (10) comprises a valve member (13) having at least a first position, in which position maximum flow through the control valve (10) is allowed, a second position, in which position the flow through the control valve (10) is throttled, and a third position, in which position flow through the control valve (10) is prevented.

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