

Title (en)
VALVE DEVICE FOR A RECIPROCATING-PISTON COMPRESSOR

Title (de)
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Title (fr)
DISPOSITIF DE SOUPAPE POUR UN COMPRESSEUR À PISTON

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Application
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Abstract (en)
[origin: WO2021013670A1] The invention relates to a reciprocating-piston compressor for a compressed air supply system in a motor vehicle, comprising a cylinder head with an integrated unloading system which is used to switch an unloading channel in a valve support plate of the cylinder head, said channel connecting a working area of the reciprocating-piston compressor to a chamber in the cylinder head. The aim of the invention is to improve the efficiency of the reciprocating-piston compressor. To achieve this, the unloading system comprises a switch device and a lamella, wherein the lamella is secured to the valve support plate on the working area side and is designed such that the lamella can lift off from the valve support plate in order to open the unloading channel, and the lamella can lift off automatically and/or in a controlled manner by means of the unloading system.

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