

Title (en)
ELECTROMAGNETIC ACTUATOR

Title (de)
ELEKTROMAGNETISCHER AKTUATOR

Title (fr)
DISPOSITIF DE COMMANDE ELECTROMAGNETIQUE

Publication
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Application
EP 00960670 A 20000915

Priority

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- EP 0009037 W 20000915

Abstract (en)
[origin: DE19945112A1] The invention relates to an electromagnetic actuator which actuates a gas exchange valve. Said actuator comprises two electromagnets and an armature which is actuated by the latter and acts upon the gas exchange valve and comprises two spring forces which act in opposing directions upon the armature. The electromagnets have a transformation ratio $i = 11/12$ or less than 1. The armature and the poles of the electromagnet which are assigned thereto are configured in such a way that the transformation ratio i_1 of the contact magnet is greater than the transformation ratio i_2 of the break magnet.

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