

Title (en)
Mixing valve of an internal combustion engine

Title (de)
Mischventil einer Brennkraftmaschine

Title (fr)
Vanne mélangeuse d'un moteur à combustion interne

Publication
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Application
EP 13464011 A 20130902

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Abstract (en)
[origin: WO2015028207A1] The invention relates to a mixer valve (6) of an internal combustion engine (1) of a motor vehicle, comprising a single servo-motor (9) and a differential (16). A flap (13) arranged in an intake port (4) and a flap (14) arranged in a exhaust duct (5) are driven by means of a differential (16). Spring elements (17, 18) tension the flaps (13, 14) in a base position counter to the stops (19, 20) and determine which of the flaps (13, 14) is driven in which control area of the servo-motor (9).

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