

Title (en)

METHOD FOR ADJUSTING THE COMPOSITION OF A MIXTURE OF FUEL AND COMBUSTION AIR

Title (de)

VERFAHREN ZUR ANPASSUNG DER ZUSAMMENSETZUNG EINES GEMISCHES AUS KRAFTSTOFF UND VERBRENNUNGSLUFT

Title (fr)

PROCÉDÉ D'ADAPTATION DE LA COMPOSITION D'UN MÉLANGE CONSTITUÉ DE CARBURANT ET D'AIR DE COMBUSTION

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Application

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Abstract (en)

[origin: US2018216554A1] The invention relates to a method for adapting the composition of a mixture of fuel and combustion air. The mixture is supplied to a combustion chamber of a mixture-lubricated combustion engine in a work apparatus. The fuel is supplied to the combustion engine via a controlled fuel valve. In an operating state (I) of the combustion engine, the quantity of fuel is metered by the fuel valve. For the purpose of adapting the composition of the mixture, the combustion engine is shifted into a special operating state (II) which differs from the normal operating state (I). After starting, the combustion engine is operated in a first rotational speed range (B) for a prespecified operating time (Tmin), wherein, after the prespecified operating time (Tmin) has elapsed, the operating state (II) for adapting the composition of the mixture is initiated by a prespecified user action.

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