

Title (en)

FOUR-STROKE ENGINE LUBRICATED WITH PRE-MIX, HAND-HELD WORK DEVICE WITH A FOUR-STROKE ENGINE AND METHOD FOR OPERATING A FOUR-STROKE ENGINE LUBRICATED WITH PRE-MIX

Title (de)

GEMISCHGESCHMIERTER VIERTAKTMOTOR, HANDGEFÜHRTES ARBEITSGERÄT MIT EINEM VIERTAKTMOTOR UND VERFAHREN ZUM BETRIEB EINES GEMISCHGESCHMIERTEN VIERTAKTMOTORS

Title (fr)

À LUBRIFICATIONMOTEUR À QUATRE TEMPS LUBRIFIÉ PAR MÉLANGE, APPAREIL DE TRAVAIL GUIDÉ À LA MAIN À L'AIDE D'UN MOTEUR À QUATRE TEMPS ET PROCÉDÉ DE FONCTIONNEMENT D'UN MOTEUR À QUATRE TEMPS LUBRIFIÉ PAR MÉLANGE

Publication

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Application

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Priority

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Abstract (en)

[origin: US2020173319A1] A mixture-lubricated four stroke engine has a cylinder in which a combustion chamber is formed. The combustion chamber is delimited by a piston which is mounted movably in the cylinder. The engine has an intake channel which discharges into the combustion chamber via an inlet opening controlled by an inlet valve. A mixture formation unit includes at least one fuel opening which discharges into the intake channel. For the lubrication of the crankcase interior, a flow connection connects the intake channel to the crankcase interior via a connecting opening which discharges into the intake channel downstream of the mixture formation unit. The fuel quantity is controlled by a fuel valve. A control unit is configured to activate the fuel valve in a manner dependent on the position of the crankshaft such that the fuel valve is opened at least also during a part of the compression stroke.

IPC 8 full level

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