

Title (en)
CARBURATOR FOR THE COMBUSTION ENGINE IN A HAND-HELD WORK DEVICE, COMBUSTION ENGINE WITH A CARBURATOR AND METHOD FOR OPERATING A COMBUSTION ENGINE

Title (de)
VERGASER FÜR DEN VERBRENNUNGSMOTOR IN EINEM HANDGEFÜHRTEM ARBEITSGERÄT, VERBRENNUNGSMOTOR MIT EINEM VERGASER UND VERFAHREN ZUM BETRIEB EINES VERBRENNUNGSMOTORS

Title (fr)
CARBURATEUR POUR LE MOTEUR À COMBUSTION INTERNE DANS UN APPAREIL DE TRAVAIL PORTATIF, MOTEUR À COMBUSTION INTERNE DOTÉ D'UN CARBURATEUR ET PROCÉDÉ DE FONCTIONNEMENT D'UN MOTEUR À COMBUSTION INTERNE

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Application
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Priority
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Abstract (en)
[origin: US2019211778A1] A carburetor for the combustion engine in a handheld work apparatus has a carburetor housing in which a carburetor drum is mounted rotatably about a pivot axis. The carburetor drum has a drum body which has at least one channel which runs transversely with respect to the pivot axis and forms an intake channel portion. A sensing unit for sensing at least one rotational position of the carburetor drum is provided. The sensing unit includes a control contour and a sensing device interacting with the control contour. The control contour is formed on the carburetor drum. A method for operating a combustion engine makes provision for the control device to control the supplied quantity of fuel depending on the rotational position, sensed by the sensing unit, of the carburetor drum.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (examination)

- US 4909211 A 19900320 - COOK VALERIE G C [CA], et al
- DE 3247603 A1 19830707 - WALBRO FAR EAST [JP]

Designated contracting state (EPC)
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