

Title (en)
CARBURETOR WITH FUEL NOZZLE

Title (de)
VERGASER BRENNSTOFFDÜSE

Title (fr)
CARBURATEUR A INJECTEUR DE CARBURANT

Publication
EP 0891485 B1 20000816 (EN)

Application
EP 97902962 A 19970122

Priority
• US 9700684 W 19970122
• US 62773796 A 19960402

Abstract (en)
[origin: WO9737120A1] A carburetor including a carburetor body (22) having a throat (24) extending from an intake (26) to a discharge (28), and a fuel nozzle (32) positioned within the throat and including an upstream orifice facing substantially upstream and a downstream orifice facing substantially downstream. A surface area of the upstream orifice is smaller than a surface area of the downstream orifice. If more than one orifice is provided on each side, a combined surface area of all upstream orifices is less than a combined surface area of all downstream orifices. The upstream orifice is positioned closer to the carburetor body than any of the downstream orifices. The downstream orifice includes a plurality of downstream orifices that have an average position that is centered with respect to the throat.

IPC 1-7
F02M 7/02

IPC 8 full level
F02M 7/02 (2006.01); **F02M 19/03** (2006.01)

CPC (source: EP)
F02M 7/02 (2013.01); **F02M 19/03** (2013.01)

Cited by
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Designated contracting state (EPC)
DE IT

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WO 9737120 A1 19971009; CA 2247866 A1 19971009; CA 2247866 C 20050329; DE 69702840 D1 20000921; DE 69702840 T2 20010125; EP 0891485 A1 19990120; EP 0891485 B1 20000816; JP H11506519 A 19990608

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