

Title (en)

Carburettor and fuel feeding system having the same

Title (de)

Vergaser und Brennstoffversorgungssystem dafür

Title (fr)

Carburateur et son système d'alimentation de carburant

Publication

EP 0570640 B1 19970618 (EN)

Application

EP 92307880 A 19920828

Priority

JP 15121892 A 19920520

Abstract (en)

[origin: EP0570640A1] A carburettor (2) and a fuel feeding system including an air suction passageway (4) through which air is fed, and a fuel feeding passageway (10) which is disposed so as to be intersected to the air suction passageway (4) and through which fuel is fed, the air suction passageway (4) and the fuel feeding passageway (10) being interconnected to each other. A roughened surface portion (40,42,44) is formed on a wall surface (18a) of at least one of the air suction passageway (4) and the fuel feeding passageway (10) to generate turbulence in fluid flow and promotion carburetion and atomisation of the air-fuel mixture due to turbulence. The tip portion (36) of a jet needle (18) serving as a part of the fuel feeding passageway (10) may be provided with a substantially flat surface portion (132) or a substantially conical surface portion (132b) having a vertical angle above 145 degrees. <IMAGE>

IPC 1-7

F02M 29/14; **F02M 9/06**; **F02M 19/04**

IPC 8 full level

F02M 9/06 (2006.01); **F02M 19/04** (2006.01); **F02M 29/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)

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Cited by

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DE FR IT

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