

Title (en)

DELIVERY OF FUEL TO WORKING CHAMBERS OF INTERNAL COMBUSTION ENGINES

Publication

EP 0167182 A3 19860326 (EN)

Application

EP 85200357 A 19820707

Priority

GB 8120988 A 19810707

Abstract (en)

[origin: EP0167182A2] Liquid fuel from a controlled supply is delivered to a delivery tube (147) under a pressure which is too low to deliver a charge of fuel under static conditions. During an induction stroke however, air entering a cylinder of an engine is drawn through a venturi-type constriction (156) and thereby draws air from a duct (154) by-passing the engine throttle. This air is drawn through a convergent passage to pass the delivery end of the tube (147) at supersonic velocity to draw therefrom a charge of fuel. The tubes (147) for each inlet passage are in permanent communication with the same metered supply so each cylinder draws its appropriate charge in turn.

IPC 1-7

F02M 69/08

IPC 8 full level

F02M 69/04 (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)

F02M 69/04 (2013.01); **F02B 2075/027** (2013.01)

Citation (search report)

- [YD] GB 1330181 A 19730912 - PETROL INJECTION LTD, et al
- [Y] GB 1227126 A 19710407
- [A] FR 1365692 A 19640703
- [A] FR 1429528 A 19660225
- [A] FR 1475616 A 19670407 - TECALEMIT
- [A] GB 949666 A 19640219 - SIBE
- [A] DE 1426152 A1 19681128 - LOEHNER DR ING KURT

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0167182 A2 19860108; EP 0167182 A3 19860326

DOCDB simple family (application)

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