

Title (en)
Fuel feeding assembly

Title (de)
Kraftstoffzufuhrzusammenbau

Title (fr)
Ensemble d'alimentation de carburant

Publication
EP 1403508 A3 20060607 (DE)

Application
EP 03021338 A 20030920

Priority
US 25496202 A 20020924

Abstract (en)
[origin: EP1403508A2] The assembly has a set of fuel feed bores (16), and common return passage linking all bores with a fuel reservoir. Fuel injectors (18) are mounted in the bores. Each injector has a return fuel port connected to an injector exterior. Each fuel feed unit has a feed passage supplying fuel to a relative injector. An outer surface of each unit and a wall of each bore form a return chamber connected with the common return passage. Each of the fuel feed bores intersect a corresponding injector bore.

IPC 8 full level
F02M 55/00 (2006.01); **F02M 61/10** (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)
F02M 55/002 (2013.01 - EP US); **F02M 55/005** (2013.01 - EP US); **F02M 55/02** (2013.01 - EP US); **F02M 61/14** (2013.01 - EP US)

Citation (search report)

- [X] US 5365907 A 19941122 - DIETRICH MARKUS [DE], et al
- [A] US 3845748 A 19741105 - EISENBERG E
- [DA] WO 9935393 A1 19990715 - PERKINS ENGINES CO LTD [GB], et al
- [DA] US 5839661 A 19981124 - IWANAGA TAKASHI [JP]

Designated contracting state (EPC)
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EP 1403508 A2 20040331; **EP 1403508 A3 20060607**; CA 2438643 A1 20040324; JP 2004116519 A 20040415; MX PA03008581 A 20040326; US 2004056116 A1 20040325; US 6840225 B2 20050111

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