

Title (en)
Fuel injection system component.

Title (de)
Bestandteil einer Brennstoffeinspritzanlage.

Title (fr)
Composant d'un système à injection de carburant.

Publication
EP 0261855 A1 19880330 (EN)

Application
EP 87308114 A 19870915

Priority
GB 8622425 A 19860917

Abstract (en)
In order to enhance fuel integrity, the fuel injectors 18 together with the associated fuel feed and return passages 22 and 24 are formed in a single block 10 which also includes the air feed passages 16 to the engine cylinders. The incorporation of all these elements into a single block means that the block can be pre-assembled and tested for fuel tightness before being built in to an engine.

IPC 1-7
F02M 55/02; **F02D 9/02**; **F02M 61/14**; **F02M 69/00**; **F02M 69/04**

IPC 8 full level
F02D 9/02 (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 69/00** (2006.01); **F02M 69/04** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)
F02M 69/044 (2013.01); **F02M 69/465** (2013.01)

Citation (search report)

- [XP] EP 0233697 A1 19870826 - GEN MOTORS CORP [US]
- [A] EP 0134024 A2 19850313 - HITACHI LTD [JP]
- [A] US 4512311 A 19850423 - SUGIYAMA KEIICHI [JP]
- [A] EP 0182473 A1 19860528 - FORD MOTOR CO [GB], et al
- [A] DE 3326408 A1 19840223 - GEN MOTORS CORP [US]
- [A] GB 2074233 A 19811028 - BENDIX CORP
- [A] EP 0098549 A1 19840118 - HITACHI LTD [JP]
- [A] DE 2940754 A1 19800410 - NISSAN MOTOR
- [A] DE 2543242 A1 19770407 - IRMSCHER KG

Cited by
US5207205A; DE4205709A1; DE102007059217A1; AU596913B2; FR2660373A1; EP0501612A3; EP0294083A3; DE4292209B4; EP0423466A1; US5101792A; FR2701295A1; EP0314074A1; US4924834A; WO8807627A1; WO9006438A1; WO202323527A1; EP0386444B1

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AT BE CH DE ES FR GB IT LI LU NL SE

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