

Title (en)

FUEL SUPPLY UNIT

Title (de)

FÖRDERAGGREGAT FÜR KRAFTSTOFF

Title (fr)

GROUPE D'ALIMENTATION EN CARBURANT

Publication

**EP 0918937 A1 19990602 (DE)**

Application

**EP 98912245 A 19980217**

Priority

- DE 9800451 W 19980217
- DE 19725941 A 19970619

Abstract (en)

[origin: DE19725941A1] The invention relates to a fuel supply unit with a supply pump (11) designed as a flow or side-channel pump, comprising a pump chamber (14) inside a housing (13), an impeller (16) located therein and an electric motor (12) driving the impeller (16). In order to provide an extremely flat design in the axial direction of the electric motor (13), the inventive device is devoid of brushes and the rotor is formed by the impeller (16) of the supply pump (11).

IPC 1-7

**F04D 13/06; F04D 5/00**

IPC 8 full level

**F04D 5/00** (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP KR US)

**F02M 37/048** (2013.01 - EP US); **F04D 5/002** (2013.01 - EP US); **F04D 13/06** (2013.01 - KR); **F04D 13/0646** (2013.01 - EP US)

Citation (search report)

See references of WO 9859173A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**DE 19725941 A1 19981224**; EP 0918937 A1 19990602; JP 2000517026 A 20001219; KR 20000068133 A 20001125; US 6149404 A 20001121; WO 9859173 A1 19981230

DOCDB simple family (application)

**DE 19725941 A 19970619**; DE 9800451 W 19980217; EP 98912245 A 19980217; JP 50350599 A 19980217; KR 19997001181 A 19990212; US 21466999 A 19990107