

Title (en)
Supply device with integrated manifold

Title (de)
Speisevorrichtung mit einer integrierten Sammelleitung

Title (fr)
Dispositif d'alimentation à tubulure intégrée

Publication
EP 0595696 B1 19970611 (FR)

Application
EP 93402599 A 19931022

Priority
FR 9212714 A 19921026

Abstract (en)
[origin: EP0595696A1] The feed device with built-in manifold assembly (1) comprises an air manifold/splitter unit (2) with a housing (3) and a base (4) made of plastic or which are metallic and fixed to each other. The base (4) exhibits manifold branches (5) emerging in the housing (3) and in a flange (6) for fixing to the engine. The housing (3) accommodates sensors and members for controlling operating parameters of the engine (11, 12, 20, 21) as well as a fuel line (16) and its regulator (governor) supplying injectors trapped between the base (4) and the housing (3). Components of the air-feed, fuel-feed, ignition and electric circuits (23, 24) are incorporated into the manifold assembly (1). <IMAGE>

IPC 1-7
F02M 35/10

IPC 8 full level
F02D 41/30 (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)
F02D 41/3005 (2013.01 - EP US); **F02M 35/10039** (2013.01 - EP US); **F02M 35/10052** (2013.01 - EP US); **F02M 35/10085** (2013.01 - EP US); **F02M 35/10111** (2013.01 - EP US); **F02M 35/10216** (2013.01 - EP US); **F02M 35/10249** (2013.01 - EP US); **F02M 35/10295** (2013.01 - EP US); **F02M 35/10354** (2013.01 - EP US); **F02M 35/1038** (2013.01 - EP US); **F02M 35/112** (2013.01 - EP US); **F02D 2400/21** (2013.01 - EP US); **F05C 2225/08** (2013.01 - EP US)

Cited by
FR2738293A1; FR2705997A1; WO9708450A1; WO9641944A3

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0595696 A1 19940504; **EP 0595696 B1 19970611**; DE 69311498 D1 19970717; DE 69311498 T2 19980129; ES 2103450 T3 19970916; FR 2697293 A1 19940429; FR 2697293 B1 19941110; US 5357931 A 19941025

DOCDB simple family (application)
EP 93402599 A 19931022; DE 69311498 T 19931022; ES 93402599 T 19931022; FR 9212714 A 19921026; US 14108193 A 19931026