

Title (en)
FUEL PUMP

Publication
EP 0036428 B1 19830921 (EN)

Application
EP 80902085 A 19810408

Priority
US 8026679 A 19791001

Abstract (en)
[origin: WO8100891A1] An improvement to a fuel pump comprising a lip formed at the open end of a fuel pump body. The lip (29) is bendable over the outer margin of diaphragm (11) inserted into the body to form a fluid seal between the body and the diaphragm. The seal is capable of withstanding abnormal forces such as occur during a crash while retaining its integrity.

IPC 1-7
F04B 43/02

IPC 8 full level
F02M 37/04 (2006.01); **F04B 43/02** (2006.01)

CPC (source: EP US)
F02M 37/046 (2013.01 - EP US); **F04B 43/02** (2013.01 - EP US)

Citation (examination)
• GB 1413536 A 19751112 - ACF IND INC
• US 2786423 A 19570326 - COFFEY IRVEN E

Cited by
DE102008062350C5; EP0036886B1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 8100891 A1 19810402; BR 8004133 A 19810422; CA 1144003 A 19830405; DE 3064950 D1 19831027; EP 0036428 A1 19810930; EP 0036428 A4 19820108; EP 0036428 B1 19830921; ES 495477 A0 19810601; ES 8105823 A1 19810601; IT 1132848 B 19860709; IT 8024673 A0 19800915; MX 151372 A 19841113

DOCDB simple family (application)
US 8001224 W 19800919; BR 8004133 A 19800703; CA 361746 A 19800926; DE 3064950 T 19800919; EP 80902085 A 19810408; ES 495477 A 19800930; IT 2467380 A 19800915; MX 18400180 A 19800919