

Title (en)
Component bond

Title (de)
Bauteilverbindung

Title (fr)
Élément d'assemblage

Publication
EP 1394459 B1 20060809 (DE)

Application
EP 03017689 A 20030815

Priority
DE 10239899 A 20020830

Abstract (en)
[origin: EP1394459A1] The device is for two components, the first one having a first fluid line (3) connected sealed to a second fluid line (4) in a second component. The first component has a flange (2) held with a linear guide on the second component. The first fluid line opens into the flange. The second fluid line opens into a section (21) of the second component opposite to the flange. The two components are in contact with each other outside the area of the openings (9,10), via a seal (6). The first component is a module (1) with membrane regulator valve (14) with cover having a flange (16), which is held in a guide in the first flange, and an oil separator formed by several cyclones. The second component is a especially a valve hood (18), and consists of die cast aluminum, the first component is of plastic.

IPC 8 full level
F16L 19/06 (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP)
F01M 13/0416 (2013.01)

Citation (examination)

- DE 19700733 A1 19980723 - BOSCH GMBH ROBERT [DE]
- DE 19642219 A1 19980423 - BOSCH GMBH ROBERT [DE]

Cited by
EP1555399A3; US7740677B2; WO2007014552A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1394459 A1 20040303; EP 1394459 B1 20060809; AT E335952 T1 20060915; DE 10239899 A1 20040325; DE 50304552 D1 20060921

DOCDB simple family (application)
EP 03017689 A 20030815; AT 03017689 T 20030815; DE 10239899 A 20020830; DE 50304552 T 20030815