

Title (en)  
FLUID CONTROL ASSEMBLY

Title (de)  
ANORDNUNG ZUR STEUERUNG VON FLUIDUM

Title (fr)  
ENSEMBLE DE REGULATION DE FLUIDE

Publication  
**EP 0870156 A1 19981014 (EN)**

Application  
**EP 96943510 A 19961121**

Priority  

- US 9618778 W 19961121
- US 56157995 A 19951121
- US 56201895 A 19951122

Abstract (en)  
[origin: WO9719296A1] A fluid control assembly that includes fluid valving (103, 105), fluid regulation, automatic safety shut-off valving and manual shut-off valving (278) in one assembly, a novel fluid control unit (100) that integrates the above functions in one unit (100), and a novel ignitor (310) and a novel seal and diaphragm (138) for use in the assembly (100).

IPC 1-7  
**F23N 1/00**; **F24C 3/12**

IPC 8 full level  
**F23N 1/00** (2006.01); **F24C 3/12** (2006.01)

CPC (source: EP)  
**F23N 1/007** (2013.01); **F24C 3/126** (2013.01); **F24C 3/128** (2013.01); **F23N 2225/04** (2020.01); **F23N 2227/36** (2020.01); **F23N 2235/14** (2020.01); **F23N 2235/20** (2020.01); **F23N 2235/24** (2020.01); **F23N 2241/08** (2020.01)

Citation (search report)  
See references of WO 9719296A1

Citation (third parties)  
Third party :  

- US 3648727 A 19720314 - HUYCK ROBERT T
- US 4759264 A 19880726 - DANBY HAL C [GB], et al
- US 5249508 A 19931005 - HASEGAWA JIRO [JP], et al
- US 3857407 A 19741231 - OLSON D
- US 3405869 A 19681015 - GRAYSON RICHARD D, et al
- US 4501290 A 19850226 - STURMAN ODED E [US], et al

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9719296 A1 19970529**; AU 1273597 A 19970611; AU 741984 B2 20011213; CA 2238105 A1 19970529; EP 0870156 A1 19981014

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**US 9618778 W 19961121**; AU 1273597 A 19961121; CA 2238105 A 19961121; EP 96943510 A 19961121