

Title (en)
UNDERGROUND PRESSURE REGULATING MODULE

Title (de)
UNTER TAGE VERWENDETES DRUCKREGELMODUL

Title (fr)
MODULE DE REGULATION DE LA PRESSION SOUTERRAINE

Publication
EP 1012684 A1 20000628 (EN)

Application
EP 98912580 A 19980320

Priority
• GB 9800676 W 19980320
• GB 9705996 A 19970322

Abstract (en)
[origin: GB2323656A] An underground pressure regulating module includes a pressure regulating valve which has two diaphragm arrangements 21, 40 to allow a variable pressure output to be obtained. The diaphragm 40 is controlled by a fluid line inlet 42. The fluid to the inlet is provided by a control located above ground which is also a logging device to determine utilisation parameters. The module may include a slam shut valve.

IPC 1-7
G05D 16/20; **F17D 3/01**

IPC 8 full level
F17D 1/04 (2006.01); **F17D 3/01** (2006.01); **G05D 16/20** (2006.01)

CPC (source: EP US)
F17D 1/04 (2013.01 - EP); **F17D 3/01** (2013.01 - EP US); **G05D 16/0404** (2019.01 - EP US); **G05D 16/2095** (2019.01 - EP US)

Designated contracting state (EPC)
BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
GB 2323656 A 19980930; **GB 2323656 B 20001018**; **GB 9803944 D0 19980422**; AR 011993 A1 20000913; AR 019028 A2 20011226; BR 9808410 A 20000523; CZ 9903358 A3 20020116; EP 1012684 A1 20000628; GB 9705996 D0 19970507; HK 1016286 A1 19991029; HU P0000757 A2 20000728; HU P0000757 A3 20030328; RU 2178910 C2 20020127; SK 129599 A3 20000516; WO 9843141 A1 19981001

DOCDB simple family (application)
GB 9803944 A 19980226; AR P980101283 A 19980320; AR P990101570 A 19990407; BR 9808410 A 19980320; CZ 335899 A 19980320; EP 98912580 A 19980320; GB 9705996 A 19970322; GB 9800676 W 19980320; HK 99101219 A 19990323; HU P0000757 A 19980320; RU 99122170 A 19980320; SK 129599 A 19980320