

Title (en)

Gas operating device for mounting on soil densification machine used in internal combustion engines with membrane carburettor

Title (de)

Gasbetätigungsverrichtung für zum Anbau an Bodenverdichtungsgerät bestimmte Verbrennungsmotoren mit Membranvergaser

Title (fr)

Dispositif de commande de gaz pour fixer à moteurs à combustion interne avec carburateur à membrane utilisable pour appareils de densification de sol

Publication

EP 0781910 B1 20000607 (DE)

Application

EP 96120893 A 19961227

Priority

DE 19549113 A 19951229

Abstract (en)

[origin: EP0781910A1] The internal combustion engine has a membrane carburettor to provide controlled operation despite vibrations. The single control lever (18) regulates the engine speed between full throttle (D) and idling (C). To stop the engine the control is moved to past the idling setting to a stop position (A). To reach the stop position the control passes a position (B) at which the fuel feed is completely shut off. The fuel line valve is operated from the throttle control via a simple cam drive. When the control is moved away from the stop position into a drive position the fuel line is opened again.

IPC 1-7

F02D 11/04; F02M 17/04; F02D 17/04

IPC 8 full level

F02B 63/02 (2006.01); **F02D 11/04** (2006.01); **F02D 17/04** (2006.01); **F02M 17/04** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP US)

F02B 63/02 (2013.01 - EP US); **F02D 11/04** (2013.01 - EP US); **F02D 17/04** (2013.01 - EP US); **F02M 17/04** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US); **F02B 2075/027** (2013.01 - EP US); **Y10S 123/11** (2013.01 - EP US)

Cited by

DE102015115654B4; DE102006026387B4; DE102010013618A1; WO2011120705A1; DE102015115654A1; DE102021110788A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0781910 A1 19970702; **EP 0781910 B1 20000607**; DE 19549113 C1 19970731; DE 59605395 D1 20000713; ES 2147890 T3 20001001; JP 3977469 B2 20070919; JP H09195855 A 19970729; US 5720250 A 19980224

DOCDB simple family (application)

EP 96120893 A 19961227; DE 19549113 A 19951229; DE 59605395 T 19961227; ES 96120893 T 19961227; JP 35154696 A 19961227; US 78255696 A 19961224