

Title (en)

METHOD FOR CLEANING INTERNAL COMBUSTION ENGINE CIRCUITS

Title (de)

VERFAHREN ZUR REINIGUNG VON KREISLÄUFEN VON VERBRENNUNGSMOTOREN

Title (fr)

METHODE DE NETTOYAGE POUR CIRCUITS DE MOTEURS A COMBUSTION INTERNE

Publication

EP 0781905 B1 20010124 (DE)

Application

EP 96907521 A 19960403

Priority

- ES 9600074 W 19960403
- ES 9501031 U 19950417

Abstract (en)

[origin: EP0781905A1] The machine has a metal frame with wheels and feet (2), suction and delivery pump (7) mounted on a lower platform and storage tank (5) at an upper level, connected by pipes (9,10). Aqueous fluid, e.g. coolant, is sucked from the engine and passes through stop valve (15) and operating valve (14) into filter (6) and tank (5). Water contg. suitable cleaning agent is then pumped into the engine, withdrawn through the filter and the engine finally filled with the correct fluid contg. anti-freeze, etc. The process can be automated by addn. of pressure gauges, timers, etc.

IPC 1-7

F01P 11/06

IPC 8 full level

B08B 9/02 (2006.01); **F01P 11/06** (2006.01); **F02B 77/04** (2006.01)

CPC (source: EP)

B08B 9/032 (2013.01); **B08B 9/0321** (2013.01); **F01P 11/06** (2013.01); **F02B 77/04** (2013.01); **F01P 2011/065** (2013.01)

Cited by

CN103968225A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0781905 A1 19970702; **EP 0781905 B1 20010124**; AT E198924 T1 20010215; AU 5111596 A 19961107; DE 59606380 D1 20010301; ES 1030735 U 19950916; ES 1030735 Y 19960301; WO 9633341 A1 19961024

DOCDB simple family (application)

EP 96907521 A 19960403; AT 96907521 T 19960403; AU 5111596 A 19960403; DE 59606380 T 19960403; ES 9501031 U 19950417; ES 9600074 W 19960403