

Title (en)

VACUUM PUMP

Publication

EP 0173787 B1 19890517 (DE)

Application

EP 85100240 A 19850111

Priority

- DE 3404556 A 19840209
- DE 3425177 A 19840709
- DE 3435921 A 19840929

Abstract (en)

[origin: US4612957A] A vacuum pump and trap combination in which the trap is configured in the manner of a siphon and comprises a tube immersed in trap liquid but having an opening lying above the trap liquid level. The tube has a wall section lying below the trap liquid level and having perforations therein to admit different amounts of trap liquid in relation to the rate of discharge gas flow, thereby preventing frothing of the trap liquid.

IPC 1-7

F04B 37/00; **F04B 39/12**; **F04C 27/02**

IPC 8 full level

F04B 37/00 (2006.01); **F04B 37/14** (2006.01); **F04B 39/12** (2006.01); **F04B 39/16** (2006.01); **F04C 27/02** (2006.01)

CPC (source: EP US)

F04B 37/14 (2013.01 - EP US); **F04B 39/16** (2013.01 - EP US); **Y10T 137/4576** (2015.04 - EP US); **Y10T 137/4606** (2015.04 - EP US); **Y10T 137/4643** (2015.04 - EP US); **Y10T 137/86083** (2015.04 - EP US)

Cited by

EP0396008A3

Designated contracting state (EPC)

BE CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0173787 A2 19860312; **EP 0173787 A3 19861008**; **EP 0173787 B1 19890517**; DE 3570266 D1 19890622; US 4612957 A 19860923

DOCDB simple family (application)

EP 85100240 A 19850111; DE 3570266 T 19850111; US 69590985 A 19850129