

Title (en)

MANUAL DEVICE FOR GENERATING LOCAL UNDER OR OVER PRESSURE.

Title (de)

HANDGERÄT ZUR ERZEUGUNG VON LOKALEM UNTER- ODER ÜBERDRUCK.

Title (fr)

OUTIL MANUEL POUR LA PRODUCTION DE DEPRESSION OU DE SURPRESSION LOCALE.

Publication

EP 0477331 B1 19950628 (DE)

Application

EP 91907498 A 19910405

Priority

- DE 4012256 A 19900417
- EP 9100650 W 19910405

Abstract (en)

[origin: WO9116133A2] A manual device for generating local under or overpressure has a casing to which an adapter is fitted, a pump which is connected to the adapter via a line, a motor by which the pump can be driven and a power supply unit which powers the motor. To make such a manual device easier to handle and move, it is proposed that the pump and the motor be arranged inside its casing.

IPC 1-7

B01L 3/02; **F04C 25/00**; **G01N 1/14**

IPC 8 full level

A61C 1/06 (2006.01); **B01L 3/02** (2006.01); **B01L 99/00** (2010.01); **B25B 11/00** (2006.01); **F04C 23/00** (2006.01); **F04C 25/00** (2006.01); **G01N 1/00** (2006.01); **G01N 1/14** (2006.01); **G01N 1/22** (2006.01)

CPC (source: EP US)

B25B 11/007 (2013.01 - EP US); **F04C 18/344** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **B01L 3/02** (2013.01 - EP US)

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

WO 9116133 A2 19911031; **WO 9116133 A3 19920206**; CA 2060657 A1 19911018; DE 4012256 A1 19911024; DE 59105847 D1 19950803; EP 0477331 A1 19920401; EP 0477331 B1 19950628; JP H05500625 A 19930212; US 5257913 A 19931102

DOCDB simple family (application)

EP 9100650 W 19910405; CA 2060657 A 19910405; DE 4012256 A 19900417; DE 59105847 T 19910405; EP 91907498 A 19910405; JP 50684891 A 19910405; US 78119291 A 19911205