

Title (en)  
DIAPHRAGM PUMP

Publication  
**EP 0214394 B2 19930623 (DE)**

Application  
**EP 86109172 A 19860704**

Priority  
DE 8525733 U 19850910

Abstract (en)  
[origin: EP0214394A2] 1. A diaphragm pump (1) particularly for delivering chemically aggressive media, the pump having in the pump head (7) thereof inlet and outlet valves (11, 12) controlled by the flow medium and said valves as well as the pump head (7) having valve-receiving openings (10) consisting essentially of chemically inert plastic, characterized in that the valve-receiving cavities (10) in each case have a valve chamber (13) which faces the displacement chamber (6) of the pump (1) and is connected to the former by a port (15) and joined outwardly thereto a tapped hole or a like connecting piece for a connecting plug (16) having a through-hole (18), and that the connecting plugs in each case have a stop face (17) limiting the vertical lift of the accompanying valve (11, 12).

IPC 1-7  
**F04B 43/02**; **F04B 15/04**

IPC 8 full level  
**F04B 15/04** (2006.01); **F04B 43/02** (2006.01); **F04B 45/04** (2006.01)

CPC (source: EP US)  
**F04B 15/04** (2013.01 - EP); **F04B 43/02** (2013.01 - EP US)

Cited by  
EP0258541A3; US5547351A; CN111526911A; DE102004001362B4; FR2913732A1; US5542921A; EP0550810A3; US7836814B2

Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
**EP 0214394 A2 19870318**; **EP 0214394 A3 19871028**; **EP 0214394 B1 19891220**; **EP 0214394 B2 19930623**; DE 3667707 D1 19900125; DE 8525733 U1 19870115; JP H0543274 Y2 19931029; JP S62176492 U 19871109

DOCDB simple family (application)  
**EP 86109172 A 19860704**; DE 3667707 T 19860704; DE 8525733 U 19850910; JP 13803186 U 19860910