

Title (en)  
Flexible diaphragm press.

Title (de)  
Membranpresse.

Title (fr)  
Pressoir à membrane.

Publication  
**EP 0421503 B1 19940105 (EN)**

Application  
**EP 90202333 A 19900903**

Priority  
IT 2191089 A 19891003

Abstract (en)  
[origin: EP0421503A1] This flexible diaphragm press, especially for squeezing fruits and the like, consists of a cylindrical container (1) which is arranged on supports (4, 4 min ) in such a manner that it is turnable around its cross-axis. The container (1) has a loading door (7) placed in one of its two bottoms. It contains further an airtight sack-shaped diaphragm (12). One end of this diaphragm (12) is attached to a flange (15) at the opening for the loading door (7) and the other end is fixed between two flanges (17, 18) at the opposite bottom of the container (1) where a delivery conduit (14) is placed too. A drainage conduit (10) runs along the longitudinal axis of the container (1). Both ends of this conduit (10) are connected to couplings (13, 14) in the two bottoms of the container (1) where the squeezed liquid can flow out.

IPC 1-7  
**B30B 9/22**

IPC 8 full level  
**B30B 9/22** (2006.01)

CPC (source: EP)  
**B30B 9/22** (2013.01)

Cited by  
WO2015068026A1; EP0585596A1; EP0668148A1; ITPN20130065A1; US2023364877A1; WO9501258A3

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0421503 A1 19910410; EP 0421503 B1 19940105**; AT E99599 T1 19940115; DE 69005771 D1 19940217; DE 69005771 T2 19940728; ES 2050354 T3 19940516; IT 1237627 B 19930612; IT 8921910 A0 19891003; IT 8921910 A1 19910403

DOCDB simple family (application)  
**EP 90202333 A 19900903**; AT 90202333 T 19900903; DE 69005771 T 19900903; ES 90202333 T 19900903; IT 2191089 A 19891003