

Title (en)
Flexible diaphragm press.

Title (de)
Membranpresse.

Title (fr)
Pressoir à membrane.

Publication
EP 0421503 A1 19910410 (EN)

Application
EP 90202333 A 19900903

Priority
IT 2191089 A 19891003

Abstract (en)
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)

Citation (search report)
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Designated contracting state (EPC)
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