

Title (en)
DIAPHRAGM PRESS WITH INTERNAL WASH SYSTEM

Publication
EP 0349679 B1 19930915 (EN)

Application
EP 88202613 A 19881122

Priority
IT 4686888 A 19880706

Abstract (en)
[origin: EP0349679A2] A diaphragm press comprises a cylindrical vessel (7) rotating about its longitudinal axis and divided into two diametrically opposing parts by a flexible diaphragm, (8), a series of perforated longitudinal channels (10) being fixed to a part of the inner surface of the vessel and connected at one end to an external manifold (12) for collecting the juice. At their other end the channels (10) are connected to at least one further manifold (15) which is connected to means (99) for feeding water under pressure by way of valve means (160). The flexible diaphragm (8) is of such dimensions as to perfectly mate with the wall to which the channels (10) are connected and with the channels themselves so as to perfectly close the holes (100) of these latter when the diaphragm is thrust from its rear by the pressurised fluid.

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
WO2010052739A1; ITAN20090094A1; EP0524373A1; FR2873616A1; ITMI20112114A1; EP3530447A1; IT201800002875A1; WO0121385A3; WO0224439A1

Designated contracting state (EPC)
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EP 0349679 A2 19900110; EP 0349679 A3 19901114; EP 0349679 B1 19930915; AT E94463 T1 19931015; DE 3884197 D1 19931021; IT 1225072 B 19901102; IT 8846868 A0 19880706

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