

Title (en)

Apparatus for separating liquid and solid substances, in particular for extracting juice from fruit and the like

Title (de)

Vorrichtung zum Trennen von flüssigen und festen Substanzen, insbesondere zur Gewinnung von Saft aus Früchten oder dergleichen

Title (fr)

Appareil pour séparer des substances liquides et solides, en particulier pour l'extraction du jus de fruit ou similaire

Publication

EP 0569695 B1 19961120 (EN)

Application

EP 93105300 A 19930330

Priority

IT MI921135 A 19920513

Abstract (en)

[origin: EP0569695A2] A grape press constituted by a cylindrical or truncated-cone tank (3) provided with a series of semi-elliptical partitions (11) adapted to form, together with respective membranes (15), a plurality of pressure chambers (13). Successive pressing regions (23, 25, 27), with related discharge devices (21, 31, 33, 35), are arranged parallel to the pressure chambers. The product is fed continuously at one end of the tank and is advanced by rotating the tank, since the partitions are arranged so as to form a half-helix. The pressure chambers and the pressing regions are actuated alternatively in order to perform the intended pressing cycles. <IMAGE>

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

ITMI20121273A1; EP1338408A3; ITPN20130062A1; EP2862705A1; WO2010052739A1; WO2020058866A1

Designated contracting state (EPC)

DE ES FR GR IT

DOCDB simple family (publication)

EP 0569695 A2 19931118; EP 0569695 A3 19940209; EP 0569695 B1 19961120; DE 69306035 D1 19970102; ES 2096127 T3 19970301; IT 1258913 B 19960301; IT MI921135 A0 19920513; IT MI921135 A1 19931113

DOCDB simple family (application)

EP 93105300 A 19930330; DE 69306035 T 19930330; ES 93105300 T 19930330; IT MI921135 A 19920513