

Title (en)

Vertical press for fruits, grapes and their derivatives of the pneumatic-cage type with a diaphragm

Title (de)

Vertikale Presse für Früchte, Trauben und ihre Derivaten mit einer pneumatischen Membrane für ein käfigartiges Modell

Title (fr)

Presse verticale pour les fruits, les raisins et leurs dérivés du type à cage pneumatique avec une membrane

Publication

EP 1632338 A2 20060308 (EN)

Application

EP 05380064 A 20050406

Priority

ES 200402062 U 20040906

Abstract (en)

A vertical press for fruits of the pneumatic-cage type with a diaphragm. It consists of a support (1) and a tray (3) which keeps centered a multi-perforated frustoconical cage (6), optionally covered with a anti-splash bag (400), and which houses the fruit to be pressed, the juice coming out through its multiple perforations and depositing on the tray (3), which may have a device for stripping the pressed paste. A lid (8), attached to two columns (4), movable by means of two hydraulic cylinders (11) located on the columns (4), is arranged on the cage (6). The mouth (15) of a balloon (12), which is inflated towards the bottom and walls of the cage (6), pressing the deposited fruit, is hermetically attached at the lower side of the lid (8). A pressing control device (302) with a flow-metering valve (303) may be installed on the tray (3). Two parallel rails of concealable rollers (301) carrying the tray (3) may be arranged at one or both sides of the press.

IPC 8 full level

B30B 9/22 (2006.01); **B30B 9/26** (2006.01)

CPC (source: EP)

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Citation (examination)

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Cited by

ITRE20090090A1; CN114986596A; US10543652B2; USD915156S; USD914465S; WO2017133486A1; US10046904B2; US10046903B2; US10099443B1; USD914464S; USD916565S; US11344052B2; US11910819B2; US10645966B2; US10939696B2; USD918656S; US11785977B2; US11918022B2

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