

Title (en)

Automatic process for determining, monitoring and controlling a forced draining phase prior to the pressing in discontinuous fruit presses.

Title (de)

Automatisches Verfahren zum Ermitteln, Überwachen und Steuern einer Zwangsentwässerungsphase vor dem Pressen an diskontinuierlichen Obstpressen

Title (fr)

Procédé automatique de détermination, de commande et de contrôle d'un égouttage forcé avant pressurage pour pressoirs discontinus

Publication

**EP 0615835 B1 19970326 (FR)**

Application

**EP 94101352 A 19940129**

Priority

FR 9302201 A 19930223

Abstract (en)

[origin: US5388507A] An automatic process in which after the press is filled and before starting a normal pressing cycle the flow rate of liquids is measured continuously without applying any pressing pressure. The tank is then rotated and the minimum and maximum values of the flow rates are determined and then compared respectively with predetermined values. Based upon this comparison and as a function of the results of the comparisons there is performed a preliminary pressurized draining of the materials to be pressed while at the same time the orifices for evacuation of the liquids are checked for possible clogging. These operations are repeated until the results of the comparisons no longer warrant a pressurized preliminary draining and subsequently initiating the normal pressing cycle.

IPC 1-7

**B30B 9/04**; **B30B 9/22**

IPC 8 full level

**B30B 9/04** (2006.01); **B30B 9/22** (2006.01)

CPC (source: EP US)

**B30B 9/047** (2013.01 - EP US); **B30B 9/22** (2013.01 - EP US)

Cited by

FR2873617A1

Designated contracting state (EPC)

AT CH DE ES GR IT LI PT

DOCDB simple family (publication)

**US 5388507 A 19950214**; AT E150695 T1 19970415; DE 69402234 D1 19970430; DE 69402234 T2 19971016; EP 0615835 A1 19940921; EP 0615835 B1 19970326; ES 2100584 T3 19970616; FR 2701889 A1 19940902; FR 2701889 B1 19950524; GR 3023834 T3 19970930

DOCDB simple family (application)

**US 19827294 A 19940218**; AT 94101352 T 19940129; DE 69402234 T 19940129; EP 94101352 A 19940129; ES 94101352 T 19940129; FR 9302201 A 19930223; GR 970401472 T 19970619