

Title (en)
Screening belt press

Title (de)
Siebbandpresse

Title (fr)
Presse à tamis sans fin

Publication
EP 0562223 B1 19971029 (DE)

Application
EP 92890263 A 19921216

Priority
AT 59092 A 19920323

Abstract (en)
[origin: EP0562223A2] In a juice belt press for removing juice from fruit mash, an endless screening press belt (22) runs in serpentine fashion between pressing rolls (3) and reversing rolls (4) arranged between the pressing rolls (3). The reversing rolls (4) are mounted to be pivotable in the frame (1) of the device about pivoting axes (32) via supports (30) and bearing supports (33). The bearing supports (33) of the supports (30) for the reversing rolls (4) are adjustable so that the distance of the resultant from the forces exerted by the screening press belt (22) on the reversing roll (4) from the pivoting axis (32) of the supports (30) can be varied. In this way, the magnitude of the moment, by means of which the reversing roll (4) is pressed onto one or the other of the adjacent press rolls (3), can be adjusted to the most advantageous value at the time, in order to increase the contact pressure between the screening press belt (22) and the press roll (3) at the end of a looping zone between the screening press belt (22) and the press roll (3). <IMAGE>

IPC 1-7
B01D 33/048; B30B 9/24

IPC 8 full level
B30B 9/24 (2006.01)

CPC (source: EP)
B30B 9/241 (2013.01)

Cited by
CN107594582A; ES2155398A1; WO2004014157A1

Designated contracting state (EPC)
CH DE LI

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EP 0562223 A2 19930929; EP 0562223 A3 19940427; EP 0562223 B1 19971029; AT 396554 B 19931025; AT A59092 A 19930215; DE 59208997 D1 19971204

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