

Title (en)

DRAINAGE COMPONENT FOR PRESSES TO SEPARATE LIQUIDS FROM SOLIDS

Title (de)

DRAINAGEELEMENT FÜR PRESSEN ZUM AUSSCHEIDEN VON FLÜSSIGKEITEN AUS FESTEN STOFFEN

Title (fr)

ELEMENT D'EVACUATION POUR PRESSES DESTINEES A EXTRAIRE DES LIQUIDES A PARTIR DE SOLIDES

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Application

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Abstract (en)

[origin: US5582100A] PCT No. PCT/CH94/00225 Sec. 371 Date Nov. 30, 1995 Sec. 102(e) Date Nov. 30, 1995 PCT Filed Nov. 25, 1994 PCT Pub. No. WO95/17299 PCT Pub. Date Jun. 29, 1995 Apparatus is provided to reduce filter abrasion in fruit juice presses of the type where juice is removed through a boundary wall (1) from a compression chamber by way of channels in each of a plurality of drainage cores (4) covered by filter envelopes (29). Each filter envelope (29) is attached to its drainage core (4) outside the region (35) in which the drainage core (25) is mounted on the boundary wall (1) of the press. Also, the drainage core includes a bending zone formed so that only slight bending stresses occur. Consequently the service life of the apparatus is distinctly increased with respect to the known systems.

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