

Title (en)
Continuously operating centrifuge.

Title (de)
Kontinuierlich arbeitende Zentrifuge.

Title (fr)
Essoreuse en continu.

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Application
EP 82400571 A 19820330

Priority
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Abstract (en)
[origin: ES8301670A1] The present invention relates to hydro-extractors used for extracting water or other liquids mixed with a treated material. The hydro-extractor according to the invention comprises, in addition to the perforated wall of revolution 1 driven in rotation about its axis, material advancing members 4-6 acting on the material layer, the path of travel f of the advancing members in the region where said members cooperate with the layer m of treated material forcibly applied against the perforated wall 1 comprising a component fp in the diametral plane and an axial component f1 directed downstream. The invention provides a hydro-extractor operating continuously, the dried product circulating in the direction of arrow D.

Abstract (fr)
La présente invention concerne les essoreuses utilisées pour extraire l'eau ou autre liquide mélangé au matériau traité. L'essoreuse conforme à l'invention comporte, outre la paroi perforée de révolution 1 entraînée en rotation autour de son axe, des organes d'avancement 4-6 agissant sur la couche de matière, la trajectoire f des organes d'avancement dans la partie où lesdits organes coopèrent avec la couche m de matière traitée appliquée contre la paroi perforée 1 comportant un composante fp dans le plan diamétral et une composante axiale fl dirigée vers l'aval. L'invention permet de réaliser une essoreuse fonctionnant en continu, le produit essoré circulant dans le sens de la flèche D.

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• [A] FR 1571581 A 19690620
• [A] FR 1057268 A 19540308 - G PEPIN FILS AINE ETS, et al
• [A] DE 405373 C 19241104 - ALFRED HERNSCHER

Cited by
DE4038954A1

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