

Title (en)

Method and apparatus for extracting fluid from wet particulate matter.

Title (de)

Verfahren und Apparat zum Extrahieren von Flüssigkeit aus nassem körnigem Gut.

Title (fr)

Procédé et dispositif pour l'extraction de liquide de matière humide en particules.

Publication

EP 0242458 A2 19871028 (EN)

Application

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Priority

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Abstract (en)

A method and apparatus for centrifugally removing fluid from wet matter, in which the bowl of the centrifuge (14) has a shaft (17) extending from a closed end (16) thereof, the other end of the shaft being mounted in a gimbal-like system (19) to provide a vertex (21) of precession of the bowl and shaft which is maintained in a well-defined locus, resilient means (22-28) such as air bags (23) supporting the shaft on bearings (18,20,26) which are located between the vertex (21) and the base (16), the resilience of the resilient means being variable whereby the natural frequency of the shaft and bowl may be varied in accordance with the frequency of rotation of the shaft and the bowl.

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