

Title (en)

INTEGRATED WASTE PULPING AND LIQUID EXTRACTION SYSTEM

Title (de)

INTEGRIERTES ABFALLAUFLÖSE-UND FLÜSSIGKEITSEXTRAKTIONSSYSTEM

Title (fr)

SYSTEME DE REDUCTION DE DECHETS ET D'EXTRACTION DE LIQUIDES INTEGRE

Publication

EP 0717664 A4 19970502 (EN)

Application

EP 94928572 A 19940908

Priority

- US 9410189 W 19940908
- US 11843393 A 19930908
- US 22352694 A 19940406

Abstract (en)

[origin: WO9507147A1] A waste compaction and liquid extraction system (10) and method are provided. The system includes a tank (12) for containing liquid and solids, and a tray (32) that seats on the tank. The tray includes a feeding system for moving bags (530, 540). A rotary disc impeller (64) is mounted in the tank for grinding. A stationary screw (34) is mounted to the outlet port of the tank. A cylindrical sieve (44) surrounds the screw. The sieve is rotatably mounted to the tank outlet. A restrictor (56) at the end of the sieve maintains back pressure.

IPC 1-7

B02C 18/40

IPC 8 full level

B09B 5/00 (2006.01); **B02C 18/00** (2006.01); **B02C 23/36** (2006.01); **B07B 9/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] DE 2307913 A1 19740822 - NEFF WERKE
- [A] GB 2048714 A 19801217 - SOMAT CORP
- [A] GB 1363854 A 19740821 - DENT HELLYER LTD
- [A] US 3823880 A 19740716 - URSCHER J
- [A] DE 2136203 A1 19720127
- [A] EP 0521685 A2 19930107 - ANGLIAN WATER COMMERCIAL DEVEL [GB]
- See references of WO 9507147A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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