

Title (en)  
PROCESS AND APPARATUS FOR UTILIZING ANIMAL EXCREMENT

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR VERWENDUNG VON TIEREXKREMENTEN

Title (fr)  
PROCEDE ET APPAREIL PERMETTANT D'UTILISER DES EXCREMENTS D'ANIMAUX

Publication  
**EP 0960072 A4 20080723 (EN)**

Application  
**EP 97950698 A 19971201**

Priority  
• IL 11975696 A 19961204  
• US 9721663 W 19971201

Abstract (en)  
[origin: WO9824729A1] A process for the manufacture of an animal excrement based product useful as an artificial soil, soil conditioner or peat substitute, an apparatus for effecting the process and an animal excrement based product manufactured according to the process. The process including the sequential steps of: (a) providing a substantially solid feed including excrement from animals; (b) forming an aqueous mixture of said substantially solid feed with water; (c) subjecting said aqueous mixture to treatment with an alternating electric current at a frequency within a range of 5 Hz - 200 kHz, for a period of time, such that following said treatment and after subsequent process step (d), a recovered solid product is odorless, microbiologically sterile, porous and is capable of absorbing several times its own weight of water; and (d) separating excess liquid from the alternating electric current treatment in step (c) and recovering said solid product.

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**C02F 11/00**; **C02F 1/68**; **F27D 3/00**

IPC 8 full level  
**B09B 5/00** (2006.01); **C02F 1/68** (2006.01); **C02F 11/00** (2006.01); **C05F 3/00** (2006.01); **C05F 3/06** (2006.01); **C05F 7/00** (2006.01); **C05F 17/00** (2006.01); **C05F 17/02** (2006.01); **C09K 17/32** (2006.01); **F27D 3/00** (2006.01); **C09K 101/00** (2006.01)

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**WO 9824729 A1 19980611**; AU 3796299 A 19990902; AU 5363498 A 19980629; BR 9713860 A 20011127; CA 2276247 A1 19980611; CN 1244179 A 20000209; EP 0960072 A1 19991201; EP 0960072 A4 20080723; IL 119756 A0 19970318; IL 119756 A 20000831; IL 130044 A 20010430; JP 2001505607 A 20010424; KR 20000069306 A 20001125

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