

Title (en)

CHAMBER AND INSTALLATION FOR DRYING ANIMAL WASTE

Title (de)

TROCKNUNGSGEHÄUSE UND -ANLAGE FÜR TIEREXKREMENTE

Title (fr)

ENCEINTE ET INSTALLATION DE SECHAGE DE DEJECTIONS D'ANIMAUX

Publication

EP 1153253 B1 20040915 (FR)

Application

EP 00903742 A 20000202

Priority

- FR 0000238 W 20000202
- FR 9901411 A 19990202

Abstract (en)

[origin: US6393722B1] The invention concern a chamber for drying animal waste, in particular poultry manure, adapted to receive a mixture (M) of fresh waste and dry waste, the floor thereof being adapted to retain the mixture (M) while being permeable to air (A), said floor consisting of an assembly of elements (60, 60') each capable of forming means for retaining the waste and including means (T) which periodically enable to transfer outside the chamber (1) and through said floor (6) a fraction of the dry waste. The invention is characterised in that said elements consist of two series of horizontal crosspieces (60, 60') arranged along two superposed parallel planes (P1, P2), said crosspieces (60,60') being arranged such that the floor (6) contains gaps in the vertical direction, and said transfer means (T) consist of at least a sliding drawer horizontally mobile between said two planes (P1, P2) of crosspieces (T), the longitudinal movement of said drawer, capable of sweeping the entire surface of said floor from one end to the other, driving the waste accumulated on said crosspieces (60') of the lower plane (P2) such that they drop by gravity outside the chamber. The invention also concerns a drying installation equipped with such a chamber.

IPC 1-7

F26B 9/10; **F26B 25/10**

IPC 8 full level

A01K 1/01 (2006.01); **A01K 31/04** (2006.01); **B09B 3/00** (2006.01); **F26B 9/06** (2006.01); **F26B 9/10** (2006.01); **F26B 17/26** (2006.01); **F26B 25/00** (2006.01); **F26B 25/10** (2006.01)

CPC (source: EP US)

F26B 9/063 (2013.01 - EP US); **F26B 9/10** (2013.01 - EP US); **F26B 25/002** (2013.01 - EP US); **F26B 25/10** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6393722 B1 20020528; AT E276500 T1 20041015; AU 2552900 A 20000825; CA 2361697 A1 20000810; CA 2361697 C 20071106; DE 60013779 D1 20041021; EP 1153253 A1 20011114; EP 1153253 B1 20040915; ES 2228459 T3 20050416; FR 2789163 A1 20000804; FR 2789163 B1 20010420; JP 2002537765 A 20021112; JP 3743766 B2 20060208; MX PA01007730 A 20030624; WO 0046560 A1 20000810

DOCDB simple family (application)

US 89024601 A 20010802; AT 00903742 T 20000202; AU 2552900 A 20000202; CA 2361697 A 20000202; DE 60013779 T 20000202; EP 00903742 A 20000202; ES 00903742 T 20000202; FR 0000238 W 20000202; FR 9901411 A 19990202; JP 2000597596 A 20000202; MX PA01007730 A 20000202