

Title (en)

METHOD AND PLANT FOR TREATMENT OF MANURE, SOLID MANURE AND/OR LIQUID MANURE FROM LIVESTOCK

Title (de)

VERFAHREN UND ANLAGE ZUR BEHANDLUNG VON GÜLLE , MIST UND JAUCHE

Title (fr)

PROCEDE ET USINE DE TRAITEMENT DE FUMIER, DE FUMIER COMPLET ET/OU DE PURIN DE BETAIL

Publication

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Application

EP 98962302 A 19981222

Priority

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Abstract (en)

[origin: WO9937596A1] A method for treatment of manure, solid manure and/or liquid manure may comprise the steps of: a) separation of manure, etc. in a fraction with a relatively high content of solid matter and a liquid fraction with a relatively low content of solid matter, b) treatment of the liquid fraction for the attainment of a gas phase containing NH₃, c) oxidation of the gas phase containing NH₃ into free nitrogen and/or compounds containing nitrogen oxide. Step b) may comprise boiling the liquid fraction, and compressing and subsequent condensing the gas phase containing NH₃. Step c) may be carried out by catalysis. A plant for working the method may comprise separating means, boiling means for boiling the liquid fraction for the attainment of a gas phase containing NH₃, oxidation means for oxidation of the gas phase containing NH₃ into free nitrogen and/or compounds containing nitrogen oxide.

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