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(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for complex material decomposition. The method includes taking a test tube apparatus 110 for researching, adding a yeast powder 104 into a glass of water 102 and adding cow dung 106 into a glass of water 102 production of bio gas along with the complex material 108. The method further includes observing after one month time, microorganisms take birth from yeast powder 104 these microorganism insects release some chemicals which changes complex materials 108 (plastic) into simpler ones, and decomposing the small percentage of the plastic 108 within one month time.

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