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(57) Abstract :
Coconut husks , coconut shells, dried flowers, areca nut she¼, areca nut husk, rice hulls / paddy hulls and banana fiber is produced over a vast area and is not disposed in an effective way . Not everything is turned into compost. Waste management of these waste are ineffici«nt traditional ways. Those ways are burning it or throwing without a proper disposal method. Buming of these wastes will produce a large amount of carbon dioxide and increases earths temperature and cause many disturbances in the nature. Summer is the peak time for dry waste to get caught by fire and cause severe damage to the surrounding. Any village that produces the above mentioned waste products and are in search of a new innovative way of getting rid of can be benefitted. Areas whos primary erop is either coconut, areca, banana or flowers can implement this technique to generale an extra source of income, which is not seasonal but also made from waste products. This way farmers can be entrepreneurs and also make effective use of the waste products that is available. Waste management can bc achieved too.

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Patent Search

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Abstract:

Coconut husks , coconut shells, dried flowers, areca nut sheü, areca nut husk, rice hulls / paddy hulls and banana fiber is produced over a vast area and is not disposed in effective way . Not everything is turned into compost. Waste management of these waste are inefficiënt traditional ways. Those ways are burning it or throwing without a p disposal method. Buming of these wastes will produce a large amount of carbon dioxide and increases earth"s temperature and cause many disturbances in the nature. S is the peak time for dry waste to get caught by fire and cause severe damage to the surrounding. Any village that produces the above mentioned waste products and are i of a new innovative way of getting rid of can be benefitted. Areas who"s primary erop is either coconut, areca, banana or flowers can implement this technique to generale extra source of income, which is not seasonal but also made from waste products. This way farmers can be entrepreneurs and also make effective use of the waste produ is available. Waste management can bc achieved too.

Complete Specification

2. Breaking the Material / Shredding: As we have collected the dry fibrous material now we have to breakdown the large solid waste into small particles. Breaking down the large solid waste to smaller particles will make it easy to mix them with other contributing compounds. It also makes the compacting process easy and fast. As we are going to use a heating element to case the compacting process, the heat transfer between smaller particles will take place faster than in large chunks of solid waste.
3. Pre Treating the Material: The shredded particles now should be added with additives and binders to hold every partiele in place. This step is called pre-treating the material because the material alone will form a weak structure and fall off on rough usage. The binder will hold all the particles and compacts tightly so that the cards will not break , the additives are the fragrance agents that give the airfreshner a soothing breeze of fragrant air.
4. Compacting: Now the mixture is ready with pre-treatment process, it is now going to be compacted and formed into cards. The mixture is transferred into the bottom cavity of the die and certain amount of force and heat is applied evenly. Application of heat will make the particles soft and tender so that the particles can be compacted with less force and will form a solid structure.
5. Cleaning and Packing: After the compacting process is done the structure will have
T ^ F e~xcess "material projectin^out fronP ttfe^trucWeQas & apprfcationQ>f force will force

the particles to propagate in all the possible direction. And it should be cleaned for a better appearance. The air freshener cards are then packed with a plastic free packing and is ready to be used.

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