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(57) Abstract :

The present invention relates generally to ecofriendly bricks and more specifically it relates to an eco bricks which is light weight and especially using plastic wrappers & bottles for building brick designed for the use in the building industry. This eco brick can be used for making tables, stools, chairs, decorative items and pots. The use of eco-bricks helps in reducing plastic waste that create pollution in the environment.

No. of Pages : 8 No. of Claims : 5

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(19) INDIA

(22) Date of filing of Application :31/01/2025

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(54) Title of the invention : HERBAL DETAN FACE PACK

(51) International classification :A61K8/02, A61K8/18, A61K8/97, A61K36/73, A61K36/58, A61K36/9066
(86) International Application No :NA
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(57) Abstract :

ABSTRACT The present invention discloses a novel herbal face pack formulated with a specific blend of natural ingredients comprising: a mixture of multanimitti 25gm, neem 5gm, sandalwood 5gm, coffee 5gm, rose petals 5gm, and turmeric 5gm for skin detoxification, tan removal, and overall skin health improvement. The unique combination of these ingredients leverages their individual therapeutic properties to provide a synergistic effect, addressing multiple skin concerns such as deep cleansing, sun protection, acne reduction, and skin brightening. The formulation is free from synthetic chemicals and additives, making it safe and suitable for sensitive skin. This herbal face pack offers a natural, effective, and gentle solution for achieving healthy, glowing skin while minimizing the risk of adverse reactions.

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(54) Title of the invention : BIODEGRADABLE AND EDIBLE CUPS FROM BIO-BASED MATERIALS

(51) International classification :B65D65/46, B65D85/804
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(57) Abstract :

This invention introduces a multi-faceted approach to sustainable development through the creation of biodegradable and edible cups. A biodegradable and edible cup comprising a mixture of milled oats and grains, a food-grade binding agent, molded into a cup shape, dried, and cured, wherein the cup is consumable after use. The edible cups, made from bio-based materials like oats and grains, offer a consumable alternative to plastic cups, reducing environmental waste. This integrated approach promotes a circular economy, reduces reliance on harmful chemicals, and harnesses natural resources for health and environmental benefits, contributing to a more sustainable future.

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(54) Title of the invention : CORN STARCH-BASED BIO-PLASTICS AS ALTERNATIVE PACKAGING MATERIALS

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(57) Abstract :

The present invention relates generally to a corn starch-based bioplastic as alternative packaging material. The corn starch-based bioplastic comprises; starch, glycerol, gelatin, and citric acid. The present invention also discloses a process of preparation of corn starch-based bioplastic comprising steps of; addition of starch, glycerol, gelatin, and citric acid into 100 mL distilled water in various ratios; stirring the mixture at a rate of 180 rpm for 10 min; heating the stirred mixture; pouring the mixture onto a Teflon – coated glass plate and spreading uniformly; drying the mixture for 3-4 days; and removing the cast film. The corn starch-based bioplastics can be used as packing materials and can be used as an alternative to LDPE and HDPE plastic bags.

No. of Pages : 10 No. of Claims : 3