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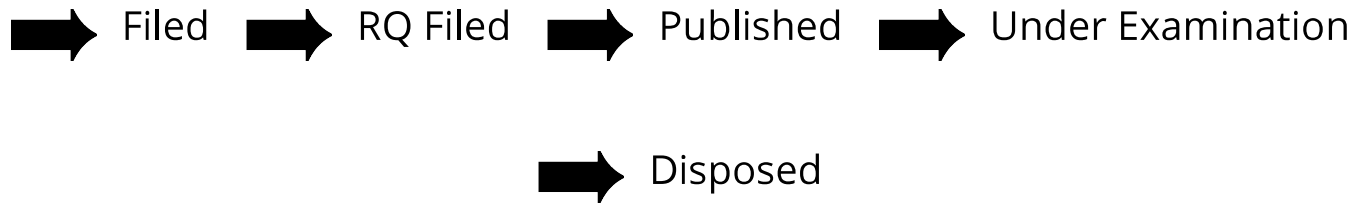
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TITLE OF INVENTION	A PROCESS OF PREPARATION OF AGRO-WASTE RECYCLED BIOACTIVE WOUND HEALING HERBAL THERAPEUTIC AND BIODEGRADABLE BANDAGE
FIELD OF INVENTION	BIOTECHNOLOGY
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(54) Title of the invention : A PROCESS OF PREPARATION OF AGRO-WASTE RECYCLED BIOACTIVE WOUND HEALING HERBAL THERAPEUTIC AND BIODEGRADABLE BANDAGE

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(51) International classification	:A61K0036185000, A61P0017020000, A61K0036534000, A61K0035644000, A61K0036886000	
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(57) Abstract :
TITLE: A PROCESS OF PREPARATION OF AGRO-WASTE RECYCLED BIOACTIVE WOUND HEALING HERBAL THERAPEUTIC AND BIODEGRADABLE BANDAGE APPLICANT: AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN ABSTRACT The present invention discloses a process of preparation of Agro-waste recycled bioactive wound healing herbal therapeutic and biodegradable bandage comprise of a. mixing dried, ground, fine powder of orange peels, glycerol and water and distributing thinly over a flat surface followed by drying and shaping to form a top bioplastic layer; b. extracting fibres from the pseudostem and mixing with pomegranate peel extract followed by weaving into a cloth or wire gauze by facile fabrication method and soaking/spraying an herbal formulation comprising of honey, aqueous fig leaf extract, and peppermint oil to form middle banana pseudostem fabric layer and positioned below the top bioplastic layer; c. coating below the middle banana pseudostem fabric layer with a layer of adhesive composition comprising of aloe vera gel and xanthan gum to form Agro-waste recycled bioactive wound healing herbal therapeutic and biodegradable bandage.

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