

(54) Title of the invention : LOW COST MANGALORE TILE MANUFACTURE USING WASTE PLASTIC AND CONCRETE.

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| <p>(51) International classification<br/>:B29B0017000000,<br/>B29K0105260000,<br/>B29L0031100000,<br/>E04F0015100000,<br/>B29B0017020000</p> <p>(31) Priority Document No :NA<br/>(32) Priority Date :NA<br/>(33) Name of priority country :NA<br/>(86) International Application No :NA<br/>Filing Date :NA<br/>(87) International Publication No : NA<br/>(61) Patent of Addition to Application Number :NA<br/>Filing Date :NA<br/>(62) Divisional to Application Number :NA<br/>Filing Date :NA</p> | <p>(71)Name of Applicant :<br/> <b>1)Prof.(Dr.) Pawan Kumar Bharti (Vice-Chancellor)</b><br/> Address of Applicant :Shri Venkateshwara University,<br/> Gajraula (Uttar Pradesh) India -244236 E-Mail:<br/> padutt@gmail.com, akumarmuit@gmail.com Mobile No:-<br/> +918595067540, +918409588012 Uttar Pradesh India<br/> <b>2)Dr. Vaneet Kumar (Associate Professor)</b><br/> <b>3)Naveen Thakur (Professor)</b><br/> <b>4)Nikesh Thakur</b><br/> <b>5)Dr. Mohinder Pal Garg (Associate Professor)</b><br/> <b>6)Dr. Vineet Bajaj (Professor and Head)</b><br/> <b>7)Ajay Guleria (Research Scholar)</b><br/> <b>8)Dr Barjinder Kaur (Assistant Professor)</b><br/> <b>9)Dr. Dinesh Pathak (Associate Professor)</b><br/> <b>10)Dr. Saruchi (Associate Professor)</b><br/> <b>11)Diksha Bhatt (Research Scholar)</b><br/> (72)Name of Inventor :<br/> <b>1)Prof.(Dr.) Pawan Kumar Bharti (Vice-Chancellor)</b><br/> <b>2)Dr. Vaneet Kumar (Associate Professor)</b><br/> <b>3)Naveen Thakur (Professor)</b><br/> <b>4)Nikesh Thakur</b><br/> <b>5)Dr. Mohinder Pal Garg (Associate Professor)</b><br/> <b>6)Dr. Vineet Bajaj (Professor and Head)</b><br/> <b>7)Ajay Guleria (Research Scholar)</b><br/> <b>8)Dr Barjinder Kaur (Assistant Professor)</b><br/> <b>9)Dr. Dinesh Pathak (Associate Professor)</b><br/> <b>10)Dr. Saruchi (Associate Professor)</b><br/> <b>11)Diksha Bhatt (Research Scholar)</b></p> |
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## (57) Abstract :

The invention is to solid waste is a major problem for India. It is important to take immediate action on how to the intelligent way of reducing plastic waste as a strategy in solid waste management, especially from inorganic materials since it is essential to the welfare of society and the environment. In India there are tons of plastics disposal around the Indian all state and until now has not yet optimized discover or recycle for engineering usage and the quantities of disposable plastics are growing day by day and it takes hundreds of years for plastics material to degrade. Our Invention Low-Cost Mangalore Tile Manufacture using Waste Plastic and Concrete is a manufacturing process and a related product constituted of a Mangalore tile in waste plastic material. following process: 1: crushing a thermoplastic material of recovery. 2: injecting quality plastic material into a mold with a primary punch. 3: The matrix integrated to enable the develop of the first layer of the tile between them, rotating the mold to reverse the reciprocal position of the matrix. 4: the primary punch, replacing the primary punch with a secondary punch to mark out, in its association with the matrix, between the first layer, supported by the matrix. 5 : The second layer of a plastic material arranged inside the Mangalore tile. Advanced Scientific research now has used the mapped recycling approach by producing useful substances from the recycled waste plastic as a second, third strategy to replace natural substance and the reuse of plastic wastes plays an important role in sustainable solid waste management to help save natural resources that are not replenished, it decreases the pollution of the environment and it also helps to save.

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