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Patent Search

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Abstract:

[043] The present invention discloses a system for providing development of sustainable composites for tribological application. The present art discloses the utilization of agro-by products and recycling of plastic wastes as an admixture in reinforced polymeric composites as floor tile in terms of physical, mechanical, and tribological performance. It is pivotal to reduce the hazardous effect of RHA and waste plastics to the environment and consumption of raw materials in building construction. The disclosure provides a novel building material and offers sustainable, environmental, and energy-saving alternatives to conventional materials. Further, it also explores the potential of recycling for the development of building materials. Accompanied Drawings [FIGS. 1-2]


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