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Technology & Applications

This invention relates generally to a rubber compound for a solid tire and more particularly, the present invention relates to a graphene-infused solid tire compound made from reclaimed rubber yet comparable with virgin tire. Solid tires or airless tires offer a high loading capacity and durability. Its use is ideal for heavy-duty transports, airport vehicles, forklifts and the like.

Advantages

- Solid tires can be reused a number of times.
- Cost and energy saving.
- Able to reduce carbon footprint.
- Effective management of discarded rubber waste.

Intellectual Property

Patent: PI2021003801 Graphene-infused Solid Tire Compound and A Method for Producing Thereof

Market Size

Inventors

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