

## Patent Protection & Registration

[Patents](#) grant property rights on new and useful inventions, allowing the patent holder to prevent others from using, making, or selling that invention without permission for a limited time. U.S. patents are permitted by the U.S. Constitution and are designed to promote scientific progress and invention. By allowing inventors to profit from licensing or selling their patent rights, inventors can recoup their research and development costs and benefit financially from their inventing efforts. There are three main types of patents utility, plant, and design. Utility and plant patents can last up to 20 years, while design patents can last up to 15 years. When a patent expires, the patented material enters the public domain, making it free to use by anyone without a license. U.S. patents are issued by the [United States Patent and Trademark Office \(USPTO\)](#).

[U.S. Patent No. 11,753,783](#) entitled “Guard Rail Barrier from Recycled Tires” issued September 12, 2023 to Jon Kodi of Lebanon, Tennessee. Also invented by Jon Kodi. Abstract: Elongated protective barrier apparatuses, assemblies and methods of manufacture and installation, are provided that utilize strips of recycled tire tread for attachment within an elongated recess of a guardrail. The elongated recess includes a base, first and second outwardly tapered walls, a minimum width defined between the outwardly tapered walls and an outer opening opposite the base. The elongated protective barrier includes a base layer and a plurality of additional layers sequentially stacked upon the base layer. The base layer includes a first base layer surface having a first base layer width, and a second base layer. The first base layer width is less than or equal to the minimum width. The plurality of additional layers have widths less than that of the elongated recess and are configured to substantially fill the recess at least up to, if not beyond, the outer opening.

[U.S. Patent No. 11,753,252](#) entitled “Mobile Machine for Handling Aggregate Material Having a Movable Component Carrier Above a Conveyor Line” issued September 12, 2023 to Kleemann GmbH of Göppingen, Germany. Invented by Lars Rudolph of Stuttgart, Germany, and Emil Scheurer of Wangen, Germany. Abstract: A mobile machine for conveying and/or processing mineral aggregate material, includes a machine frame and a conveyor module supported on the machine frame so as to be displaceable relative to the latter. A conveyor line runs along a virtual conveyor path (FB), the conveyor module being designed at least for conveying the aggregate material along the conveyor path on the conveyor line. A component carrier in a working state of the machine runs in an elevation direction (H) at a distance from the conveyor line crosswise with respect to the conveyor path above the conveyor line. The component carrier supports at least one functional module which interacts with the aggregate material conveyed on the conveyor line. The conveyor module is displaceable relative to the machine frame with a displacement component in the elevation direction. The



component carrier is movable both relative to the conveyor module and the machine frame.