

## 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 14 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. 11,077,732](#) entitled “Automotive construction machine, as well as lifting column for a construction machine” issued August 3, 2021. Invented by Peter Busley of Linz/Rhein, Germany and Gunter Tewes of Unkel/Rhein, Germany. Abstract: Disclosed is an automotive road construction machine, particularly a recycler or a cold stripping machine, comprising an engine frame that is supported by a chassis, a working roller which is stationarily or pivotally mounted on the engine frame and is used for machining a ground surface or road surface. The chassis is provided with wheels or tracked running gears which are connected to the engine frame via lifting column and are vertically adjustable relative to the engine frame. Each individually vertically adjustable lifting column is equipped with a device for measuring the actual vertical state of the lifting column.

[U.S. Patent No. 11,078,024](#) entitled “Rock processing machine” issued August 3, 2021. Invented by Tobias Geywitz of Eislingen, Germany, Lars Rudolph of Stuttgart, Germany, and Emil Scheurer of Wangen, Germany. Abstract: The invention relates to a rock processing machine (10) having a feed hopper (40) and a process unit (20) downstream thereof, wherein a conveying device, in particular a hopper discharge belt (12), is assigned to the feed hopper (40), wherein the feed hopper (40) has a hopper side wall (42), and wherein a side-wall heightening (44) is assigned to the hopper side wall (42), which side wall heightening can be swiveled between a folded-down working position and a folded transport position. In such a rock processing machine, the requirements of occupational safety are effectively taken into account in a simple manner if provision is made that an operating unit (50) having a lever (51) for swiveling the side-wall heightening (44) is assigned to the side-wall heightening (44), wherein a transmission element (52) is used to couple the lever (51) to the side-wall heightening (44), and that the side-wall heightening (44) is secured in the folded-down working position using a movable locking element (60).