

## Patent Protection & Registration

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[U.S. Patent No. 11,434,622](#) entitled “Hydraulic Fluid Temperature-Dependent Control of Engine Speeds in Self-Propelled Work Vehicles” issued September 6, 2022 to Deere & Company of Moline, Illinois. Invented by Austin J. Karst of Bloomfield, Iowa. **Abstract:** Systems and methods are disclosed herein for fluid temperature-dependent control of engine speeds in a self-propelled work vehicle. An engine speed sensor generates signals representing an engine speed, and a temperature sensor generates signals representing a hydraulic fluid temperature. A controller receives the respective signals from the engine speed sensor and the temperature sensor. The controller is further configured, responsive to a startup command, to generate output signals preventing an increase in the engine speed to a target engine speed at least while the temperature of the hydraulic fluid is in a first temperature state. The controller may, e.g., automatically generate output signals for continuous and/or stepwise transitioning of the engine speed to the target engine speed, in accordance with a monitored temperature of the hydraulic fluid and corresponding temperature states.

[U.S. Patent No. 11,433,520](#) entitled “Tool for Installing a Bit on and/or Deinstalling a Bit from a Bit Holder System of a Milling Machine” issued September 6, 2022 to Wirtgen GmbH of Windhagen, Germany. Invented by Christian Berning of Zulpich, Germany; Matthias Bruck of Siegburg, Germany; Lothar Schwalbach of Asbach, Germany and Cyrus Barimani of Konigswinter, Germany. The invention relates to a tool for installing a bit on and/or deinstalling a bit from a bit holder system of a milling machine, in particular a road milling machine, having at least one initiator with which installation and/or deinstallation of a bit is initiated. Provision is made that the tool comprises a detection device having at least one counting device; and that the detection device is designed to detect a number of bits deinstalled using the tool and/or a number of bits installed using the tool. The invention also relates to a corresponding bit holder system and to a method for monitoring wear. With the tool and the bit holder system, additional information regarding bit changes that have been carried out is made available to a user.