



⚙️ **Title**
ACTUATOR WITH TELESCOPIC SLIDERS

⚙️ **Inventor/s - Contact**
Prof. em. dr. ing. Vasile NĂSUI
Technical University of Cluj Napoca. North University Center of Baia Mare, Faculty of Engineering
E-mail: Vasile.Nasui@imtech.utcluj.ro, nasuiv@gmail.com, Tel. 0264-202975, Mobil 0724490470

⚙️ **Patent/ Application number**
Patent OSIM: RO130517 -B1/30.07.2021

⚙️ **Short presentation**
Telescopic slide actuator is equipped with a gear motor that drives a transmission cable attached to a sliding support which slides another slide. The slide has a transmission cable that is connected to the body of the actuator lower branch and upper branch to the next slide. Extension mechanism is obtained by simultaneous translational motion of both runners with a race speed and increased, having a small size and constructive simplicity. Electromechanical linear actuators are superior to other elements of actuation or control of the movements of some mechanisms.

⚙️ **Applicability**
Areas of application: robots, automotive, aerospace, various equipment, lifting platforms, elevators, manipulators and especially for automatic sliding doors.

⚙️ **Images**

