

SOLAR-ELECTRIC BIKE WITH REFRIGERATOR

A new Croatian patented product, ie a solar electric bicycle with a refrigerator, which was produced in the Jel-tom plant in the Končar production hall in Samobor. The inspiration for the invention was based on Wolt cyclists carrying food on their backs. Our innovation, ie the bicycle, is powered by solar energy via panels, and when there is no sun, it is powered electrically via a battery. The innovation also consists of a cooler that gets its solar energy via a panel or electrically by turning the pedals. The innovation is used exclusively for the transport of frozen or perishable goods from the supplier to the end customer who orders the goods through the application and sees in time where the bike or its goods are and when they will arrive. It consists of a speedometer, shows the temperature outside, where the customer is located shows the GSM system. The speed of the bike is between 20-25km / h. A patent is being applied for these days. Thanks to Professor Ivan Vlainić, Professor Mate Rimac, as well as his student Josip Šufraj, we made a bicycle. The end customers of this bike are hotels, cities, LEDO, Podravka, etc. Indonesia, the city of Koprivnica, the Hilton hotel chain, Walamar, Wolt Group are interested in the product. The first copy was produced in 1 month 2021. We were supposed to go and present the innovation in Nuremberg, but due to the crown we were unable to present our innovative product.

