

FARM VEHICLE FOR PRECISION AGRICULTURE

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The invention relates to a farm vehicle for precision agriculture able to move autonomously in open field environments and/or with obstacles such as orchards and rows

Protection: Italy

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INVENTION

In the field of precision agriculture, tractors have been developed for navigation in rows that have modest dimensions. These tractors are generally driven by an operator and a trailer is generally connected to carry out farming activities.

The invention regards a vehicle that consists of a base body defining a main volume of the farm vehicle and of a processing unit for farming operation. The vehicle also comprises a control unit configured to control the action of the traction system and/or the processing unit, which allows the vehicle to be driven via radio control and/or with an immersive driving system (in particular in real time).

ADVANTAGES

- Self-learning system
- Ease of configuration
- Better precision during navigation
- Flexibility of the platform in terms of navigation sensors

APPLICATIONS

- Agriculture
- Search and rescue
- Logistics

CONTACTS

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